LAPORAN TAHUNAN 1993

ANNUAL REPORT

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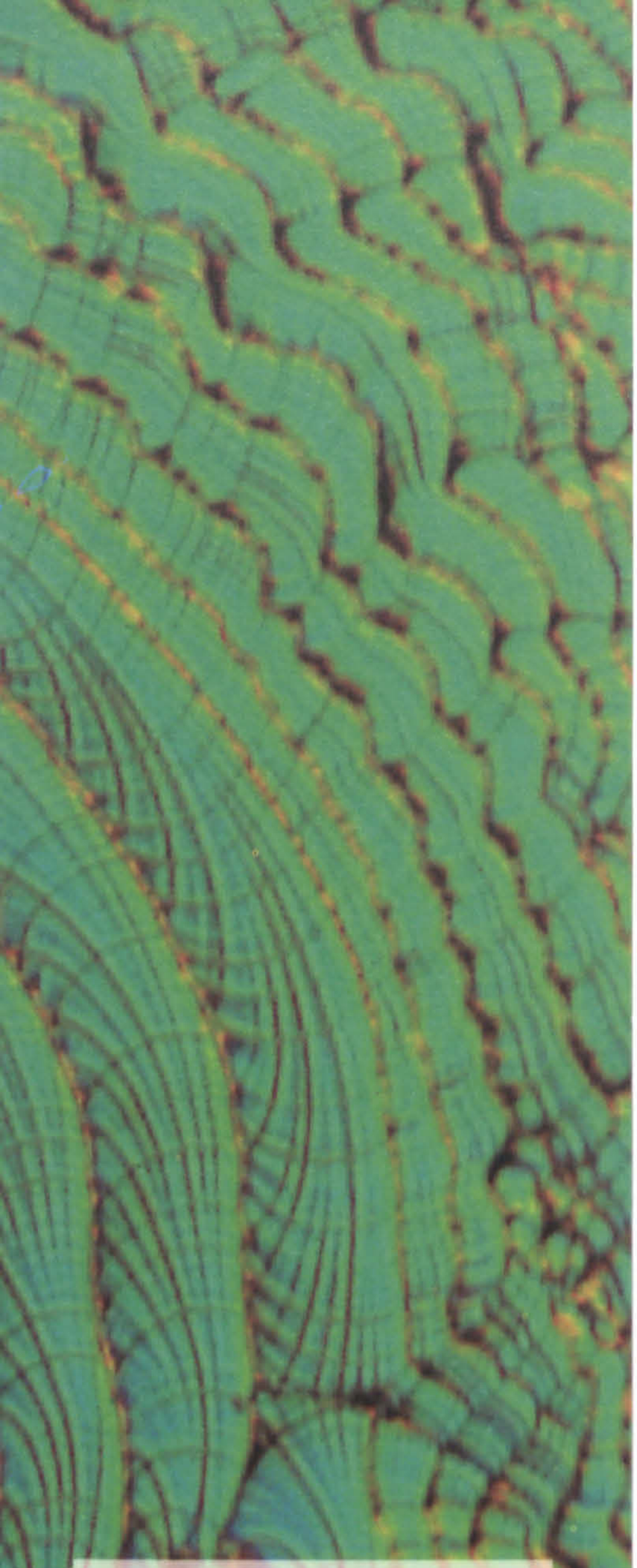
UNIVERSITI MALAYSIA SARAWAK



RASIONAL
REKABENTUK KULIT
Cover Design Rationale

Tema gambar kulit berasaskan 'pokok', unsur utama logo UNIMAS, satu simbol pertumbuhan dan ilmu. Diabadikan dengan gerak rancak melalui fotografi, gambar sisipan ini melambangkan tekad, semangat dan keazaman kuat yang sedia wujud di kalangan yang menjadi tunjang UNIMAS.

The cover design theme depicts 'the tree', the main element of UNIMAS logo, a symbol of growth and knowledge. Captured photographically in vibrant motion in the inset, it suggests the positive attitude, enthusiasm and determination amongst all who form the pillars of UNIMAS.

MISI KORPORAT

Misi UNIMAS ialah untuk menjadi sebuah universiti contoh serta diiktiraf di rantau ini; dan sebagai institusi pengajian tinggi yang menjadi pilihan utama golongan pelajar dan akademik untuk mencapai kecemerlangan dalam bidang pengajaran, penyelidikan dan kesarjanaan.

Semua ini terlaksana melalui penawaran berbagai-bagai peluang dalam pendidikan keilmuan, dan melalui penerapan ilmu secara strategik dan inovatif bagi meningkatkan kualiti budaya bangsa dan kemakmuran masyarakatnya.

Corporate Mission

The University's mission is to establish itself as an exemplary university of regionally acknowledged stature, and as a scholarly institution of preference and choice for both students and academic staff through the pursuit of excellence in teaching, research and scholarship.

It will do so by offering a range of opportunities in education, training and scholarly services, and through the strategic and innovative application of knowledge to enhance the quality of the nation's culture and the prosperity of its people.

P.KHIDMAT MAKLUMAT AKADEMIK
UNIMAS
1000153640

Pusat Khidmat Maklumat Akademik
UNIVERSITI MALAYSIA SARAWAK

RASIONAL LOGO

Tema keseluruhan mencerminkan iltizam Universiti terhadap ilmu dan kecemerlangan. Pokok, suatu simbol pertumbuhan dan ilmu, juga mewakili sumber asli Sarawak dan Malaysia, serta kelompok etnik dan budayanya yang berbagai-bagai. Tangan berjabat menandakan perpaduan dalam kepelbagaian, keperihatinan terhadap alam sekitar dan masyarakat, serta pemanfaatan dan pengoptimuman ilmu baru dan berguna dalam pembangunan. Kedua-duanya tangan dan pokok membentuk huruf 'S' bagi Sarawak. Warna-warna yang terpilih mewakili bendera Malaysia; biru dan merah melambangkan kesepaduan pendidikan dan teknologi, sementara kuning emas mencerminkan kualiti dan kecemerlangan dalam pembangunan sumber tenaga manusia dan perkhidmatan.

Logo Rationale

The overall theme reflects the University's commitment to knowledge and excellence. The tree, a symbol of growth and knowledge, stands also for the natural resources of Sarawak and Malaysia, their diverse ethnic groups and cultures. The clasped hands symbolise unity in diversity, a concern for the environment and society, as well as the exploitation and optimisation of new and useful knowledge in development. Together, the hands and the tree form the letter 'S' for Sarawak. Selected colours evoke the Malaysian flag; blue and red symbolise the integration of education and technology, while golden yellow reflects quality and excellence in both human resource and service development.

OBJEKTIF

Objective

Bagi memenuhi misinya, Universiti ini beriltizam untuk:

- Mempelajari dan memajukan ilmu yang relevan dan bermanfaat; menggalakkan penggunaan ilmu bagi pembangunan intelektual, sosial, ekonomi, teknologi dan industri negara; dan memelihara, menyempurna dan menyebar ilmu melalui kesarjanaan, penerbitan dan pembangunan sistem maklumat untuk memenuhi keperluan masyarakat;

- Menyumbang terhadap pertumbuhan ekonomi negara dan pembangunan yang mampan dengan mempraktikkan pengetahuan teori, dengan memperluaskan penggunaan ilmu dan kemahiran yang baru, dan dengan mengadakan latihan, penyelidikan serta perkhidmatan rundingan melalui pelbagai kegiatan kerjasama;

- Menggalakkan persekitaran yang sesuai bagi pemerolehan serta penyebaran ilmu, dan mengadakan penyiasatan intelek secara bebas dengan mempertahankan kebebasan akademik komuniti universiti;

- Mewujudkan komuniti universiti yang progresif, proaktif dan inovatif yang peka terhadap perubahan luar dan berupaya menyumbang dengan berkesan kepada pembangunan Universiti dan masyarakat Malaysia;

- Mewujudkan dan sentiasa meningkatkan reputasi dan taraf kesarjanaan Universiti dengan menentukan secara bersistem mutu program, kursus, penyelidikan dan perkhidmatan kesarjanaannya, serta sentiasa meningkatkan kecekapan dan sifat akademik pengurusannya;

- Memanfaatkan secara optimum lokasi dan persekitarannya untuk mempermudahkan pembangunan wilayah seiring dengan pertumbuhannya sendiri;

- Mewujudkan hubungan baik dengan kerajaan, komuniti dan industri setempat serta institusi-institusi akademik yang lain di peringkat kebangsaan dan antarabangsa; dan

- Memperoleh, mentadbir dan menggunakan dengan cekap sumber dan teknologi yang diperlukan bagi mencapai tujuan-tujuan tersebut secara berkesan.

In fulfilling its mission the University is committed to:

- *pursue and advance relevant and useful knowledge; to encourage its application to the nation's intellectual, social, economic, technological and industrial development; and to conserve, refine and transmit knowledge through scholarship, publication and the development of information systems to meet the needs of society;*

- *contribute to national economical growth and sustainable development by devising practical uses for theoretical knowledge, by furthering the application of new knowledge and skills, and by making available training, research and consultancy services through a range of collaborative activities;*

- *foster a conducive environment for the pursuit and dissemination of knowledge and the conduct of free intellectual enquiry by upholding the academic freedom of the university community and its members;*

- *establish a progressive, proactive and innovative university community which will be sensitive to external change and capable of contributing effectively to the development of the University and of Malaysian society;*

- *establish and continuously enhance its scholarly reputation and standing by systematically ensuring the quality if its programmes, courses, research and scholarly services as well as the efficiency and academic character of its management;*

- *take optimum advantage of its location and environment to facilitate the development of the region in which it is located in conjunction with its own growth;*

- *establish close linkages with government, the local community and industry and with other academic institutions, both national and international; and*

- *acquire, administer and employ efficiently the resources and technology necessary for the effective achievement of the preceding aims.*

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KENYATAAN PENGERUSI

Chairman's Statement

Semasa UNIMAS dilancarkan secara rasminya pada 31 Ogos 1993, dalam suasana kegembiraan menyambut Hari Kemerdekaan oleh YAB Perdana Menteri, apa yang telah mengharukan hati saya bukanlah kerana hakikat bahawa tumpuan seluruh negara-siaran secara langsung oleh Radio Televisyen Malaysia terhadap kita, tetapi kerana perakuan secara diam-diam yang datang dari rakyat biasa. Mereka berduyun datang beberapa jam sebelum pembukaan rasmi untuk menyaksikan tertubuhnya UNIMAS, sebuah universiti sezaman yang akan membawa anak cucu mereka ke abad ke duapuluh satu.

Pada saya, yang menjadi inti kepada misi Universiti ialah peluang-peluang khusus yang terbuka kepada golongan muda untuk memasuki pasaran kerja, berbekal bukan semata-mata dengan kelulusan akademik, tetapi juga dengan set minda yang mencungkil pemikiran kritis, daya kekreatifan serta pendekatan sepadu dalam pembelajaran.

Di sepanjang tahun, saya amat tertarik dengan cara bagaimana staf dan pelajar telah bersama meneruskan pembelajaran sungguhpun terpaksa menghadapi berbagai masalah dalam penubuhan sebuah kampus sementara. Segala itu saya percaya akan berguna membantu pembangunan kampus tetap nanti.

Golongan pelajar perintis telah membuktikan kebolehan masing-masing bukan sahaja dalam kegiatan akademik tetapi juga melalui penglibatan aktif mereka dalam kegiatan kelas dan kegiatan masyarakat. Ketandusan kemudahan tidak menjadi penghalang. Semua di UNIMAS menyedari bahawa merekalah yang akan mencorak tradisi. Masing-masing memikul tanggungjawab menjaminkan mutu keunggulan universiti.

Kami amat berterima kasih kepada pihak Kerajaan Negeri Sarawak yang telah memberikan sokongan penuh kepada Universiti. Pihak pentadbiran negeri telah bekerjasama, dari penyediaan tapak hingga kepada pembekalan kemudahan asas. Penghargaan kami kerana membantu kami mencapai sasaran kerja.

Saya mengucapkan tahniah kepada Naib Canselor kerana berjaya menjadikan nyata suatu wawasan. Di bawah pimpinan beliau, UNIMAS kekal sebagai sebuah universiti yang terdorong oleh satu tekad dan ditenagakan oleh daya kreatif dari kumpulan staf yang beriltizam.

Saya yakin bahawa Universiti ini akan mencapai matlamatnya bukan sahaja untuk mengurus perubahan tetapi untuk menguasai dan mengarah perubahan.

When UNIMAS was officially launched on 31 August 1993 by our Prime Minister amid the fanfare of Merdeka Day celebrations, what moved me most was not the fact that the eyes of the entire nation – a live telecast over Radio Televisyen Malaysia were riveted on us, but the silent endorsement that came from the common rakyat. They arrived several hours before the official opening to witness the inception of UNIMAS, a contemporary university that would take their children into the 21st century.

To me, the essence of the University's mission is to offer special opportunities to young people to enter the job market armed not purely with academic qualifications, but with a mindset that allows for critical thinking, creativity and an integrated approach to learning.

During the year, I have been impressed with the way both staff and students have rallied together to continue with the business of learning despite the many teething problems encountered in establishing a new temporary campus. The lessons learned now will I am sure, stand them in good stead when the permanent campus is built.

The pioneering batch of students have proved their mettle both in academic terms and through

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their active participation in several field, class and community-based activities. The lack of facilities has not deterred them from giving of their best. All who are a part of UNIMAS seem conscious of the fact that they are the 'tradition makers'. On them rests the responsibility of stamping the University with the mark of excellence.

The State Government has extended their whole-hearted support to the University. From land alienation right through to the provision of basic amenities, the entire administrative machinery has worked with us tirelessly. For this unwavering support we thank you. For helping us meet almost impossible deadlines we are deeply grateful.

I would like to congratulate the Vice-Chancellor for turning what at first was a powerful vision into a workable reality. Under his leadership, UNIMAS remains a university driven by single-minded dedication and fueled by the creative energies of a group of committed staff.

I am convinced that the University will be able to achieve its goal of not only managing change but mastering and directing it.

Tan Sri Datuk Amar Haji Bujang Mohd Nor
Pengerusi Majlis Universiti/
Chairman of the University Council

KATA ALUAN NAIB CANSELOR

Vice-Chancellor's Message

Saya sukacita melaporkan bahawa tahun pertama begitu memuaskan, banyak yang tercapai dalam waktu yang begitu singkat. Dalam tempoh lapan bulan selepas diperbadankan, kami telah membuka pintu untuk kemasukan golongan pertama pelajar-pelanggan dengan pilihan sembilan program pengajian prasiswazah. Dalam masa setahun kami telah memulakan program penyelidikan dan bersedia untuk menawar program pasca-siswazah, serta telah menyediakan khidmat-khidmat akademik dan perundingan kepada industri. Kami begitu bangga dengan golongan staf dan pelajar perintis. Kami sebuah universiti – dengan rekabentuk akademik yang beriltizam untuk mendirikan sebuah institusi yang bersifat sezaman dan berpandangan jauh. Kami yakin bahawa pendekatan kami terhadap rekabentuk dan struktur kurikulum, berasaskan pembangunan individu secara total, akan membezakan antara universiti kami dengan yang lain.

Laporan ini menggariskan prestasi Universiti dalam tahun ini. Kami berpindah ke kampus sementara di Kota Samarahan hanya empat bulan selepas pembinaan bermula. Kami telah mewujudkan persekitaran kampus yang agak selesa dan boleh mendorongkan usaha akademik. Kami juga telah mula mendirikan sistem pentadbiran. Mengimbas kembali, lebih mudah memikirkan konsep dan menuliskan Perancangan Korporat (lebih dikenali sebagai Buku Pokok) daripada menjadikannya kenyataan dalam enam bulan pertama. Dari hari pertama lagi, peruntukan kewangan, pengambilan staf, pembangunan kemudahan ... semuanya harus diberi perhatian serentak. Kemudiannya, isu-isu peruntukan dan isu-isu organisasi menjadi lebih nyata dan ketara: kebanyakan daripadanya biasa kepada mana-mana pengurus perintis. Staf kami datang dari pelbagai latar belakang, sebahagian berpengalaman di universiti, tetapi semua dengan ingatan pekerjaan lama. Untuk menggugur tradisi dan amalan lama dan menggantikannya dengan ideal sepakat yang baru, kami harus cepat memahami hal-hal mengenai kepimpinan, kepengikutan serta kekitaan. Ramai yang telah memberikan kami dorongan dan sokongan institusi, tetapi ramai pula yang tidak memahami keperluan sebuah institusi baru dan kehendak khusus sebuah universiti sezaman di mana staf dan pelajar harus mengatur langkah baru dalam pembelajaran bagi melengkapkan mereka dengan kemahiran abad ke duapuluh satu.

Dari awal lagi kami telah menggariskan kedudukan strategik, mewujudkan peluang, serta menubuhkan bidang-bidang ketrampilan. Membangunkan sesebuah universiti mengambil masa dan memerlukan perancangan. Membangunkan sebuah universiti untuk mengambil kira pula keperluan abad akan datang, dari kedua-dua aspek

teknologi dan sumber manusia, akan mengambil masa yang lebih lama dan memerlukan perancangan yang lebih rapi. Banyak telah kami lakukan. Kami sedar banyak lagi yang perlu.

Cabaran di hadapan melibatkan hal-hal staf, pelajar serta sumber. Bagaimanakah dapat kami menarik ahli-ahli akademik baru dan mereka yang berpengalaman dalam keadaan pasaran sekarang ini? Bagaimanakah dapat kami menarik pelajar terbaik dalam kekurangan calon dan jurusan-jurusan tertentu? Bagaimanakah dapat kami menjamin dan mengoptimumkan sumber untuk mengekal cita-cita kami sedangkan orang lain, di luar lingkungan kami, yang membuat keputusan mengenai perbelanjaan dan peruntukan perjawatan?

Bagaimanakah dengan harapan masa depan? Kami telah menanam benih untuk pertumbuhan akan datang. Fakulti Sains Kognitif dan Pembangunan Manusia, Fakulti Seni Gunaan dan Kreatif serta fakulti-fakulti baru tertubuh. Fakulti Kejuruteraan dan Fakulti Teknologi Maklumat akan memulakan program ijazah pada tahun hadapan. Dua lagi fakulti, Fakulti Perubatan dan Sains Kesihatan dan Fakulti Ekonomi dan Perniagaan akan ditubuhkan pada tahun hadapan. Semua pusat, termasuk Pusat Pembelajaran Gunaan dan Multimedia dan Pusat Khidmat Maklumat Akademik akan dipertingkatkan. Sebuah Pusat Pembelajaran Terbuka akan membekalkan akses meluas serta meningkatkan keboleh-pindahan kursus dan program. Jaminan kualiti akan sentiasa diutamakan dalam segala usaha. Pengekalan semangat kekitaan serta ikatan antara staf yang kukuh akan digalakkan dan diperhebatkan melalui program-program pembangunan organisasi dan manusia.

Laporan pertama ini memberikan peluang kepada masyarakat Universiti untuk merakamkan rasa penghargaan tinggi kami kepada pengasas universiti: YAB Dato' Seri Dr Mahathir Mohamad, Perdana Menteri, YAB Datuk Patinggi Tan Sri Abdul Taib Mahmud, Ketua Menteri Negeri Sarawak, dan YB Datuk Amar Dr Sulaiman Hj Daud, Menteri Pendidikan. UNIMAS adalah hasil wawasan mereka mengenai masa depan negara ini.

Kami ingin mengucapkan setinggi terima kasih kepada YBhg Tan Sri Datuk Ahmad Sarji, Ketua Setiausaha Negara, di atas perhatian dan sokongan peribadi beliau. Kami terhutang budi kepada semua kakitangan Kementerian Pendidikan atas sokongan dan bantuan mereka. Kami merakam terima kasih kepada ahli-ahli Jawatankuasa Pemandu, Jawatankuasa Akademik, Panel Penganalisa Perancangan Akademik dan Jawatankuasa Kecil Program Akademik bagi Penubuhan Universiti di atas sokongan dan idea mereka. Semua mereka menjadi sahabat UNIMAS.

Akhir sekali, penghargaan saya kepada semua kakitangan Universiti di atas bakti dan usaha gigih mereka, tanpa mereka tidak banyak yang telah dapat kita capai.

I am happy to report that we had a gratifying first year; so much was achieved in so short a time. Within eight months of incorporation, our doors were opened in our first batch of student-clients who were offered a choice of nine undergraduate degree programmes.

Within a year we had begun research programmes, were ready to offer postgraduate programmes and had made our academic and consultancy services available to industries.

We take pride in our pioneering batch of staff and students. We are a university – with an academic design that is committed to making an institution that is contemporary in character and forward looking in outlook. We are confident that our unique approach to curricular design and structure, based on the total development of the individual, will make a vital difference between our university and others.

This report provides the details of how we performed during the year. We moved on to our present temporary campus in Kota Samarahan only four months after construction began. We have created a campus environment that is comfortable and conducive to academic pursuits. We have begun to install our administrative systems. On reflection, three months of intense conceptualising and writing the Corporate Plan (fondly called the Tree Book) was far easier than the first six months of operation. From day one, budget allocation, staff recruitment, faculties building … all needed simultaneous attention. As we grew, budget and organisational issues became real: many of them

familiar to pioneer-managers. Our staff came from varied backgrounds, some with little university experience, but all with heavy baggage of past employment. We quickly needed to understand about leadership, followership and teamwork in order to shed previous traditions and practices and to replace them with our new shared ideals of a university. Many people have provided inspirational and institutional support. However, there were some who did not understand the needs of a new academic institution and the special requirements of a contemporary university where staff and students have to tread new paths in learning to equip themselves with twenty-first century skills.

From the very beginning, we carved out our strategic position, created opportunities, and established areas of competency. Building a university takes time and planning. Building a university with a view

to what will be needed in the next century both in terms of new technology and human resources, takes more time and more planning. We have done much. We recognise there is much yet to do.

The challenges ahead involve staff, students and resources. How can we attract experienced and new academics given the current market condition? How can we attract good students given the shortage of candidates in certain disciplines? How can we secure and optimise resources to sustain our ambitions given by the situation that others, externally, make decisions on our spending and staff allocation?

What prospect for the future? We have sown seeds for future growth. The Faculty of Cognitive Sciences and Human Development, the Faculty of Applied and Creative Arts and the newly established Faculties of Engineering and Information Technology will offer degree programmes next year. Two other faculties, the Faculty of Medicine and Health Sciences and the Faculty of Economics and Business, will be established next year. All centres, including the Centre for Applied Learning and Multimedia and the Centre for Academic Information Services will be strengthened and developed. An Open Learning Centre will provide wider access to and greater portability of courses and programmes. Quality assurance will continue to underscore all our endeavours. Maintaining a strong team spirit and cohesion among staff will be encouraged and reinforced through organisational and human development programmes.

The first annual report provides an opportunity for the University community to reiterate gratitude to the founding fathers: YAB Dato' Seri Dr Mahathir Mohamad, our Prime Minister, YAB Datuk Patinggi Tan Sri Abdul Taib Mahmud, the Chief Minister of Sarawak and YB Datuk Amar Dr Sulaiman Hj Daud, the Minister of Education. UNIMAS is a result of their vision of the future of our nation.

We wish to express our thanks to YBhg Tan Sri Datuk Ahmad Sarji, the Chief Secretary to the Government, for his personal attention and support. We are indebted to all staff of the Ministry of Education for their support and assistance. We record our thanks to Members of the Steering Committees, Academic Committee, Academic Plan Analysts Panel and Academic Programme Sub-Committees of the University's Establishment for their support and ideas. You are all friends of UNIMAS.

Lastly, my own heartfelt gratitude to all members of the University staff for their dedication and hard work, without them we would not have achieved so much.

Professor Dato' Zawawi Ismail
Naib Canselor/*Vice-Chancellor*

AHLI MAJLIS

Council Members

1. **YBhg Tan Sri Datuk Amar Haji Bujang Mohd Nor**
   Pengerusi/*Chairman*
2. **YBhg Prof Dato' Dr Zawawi Ismail**
   Naib Canselor/*Vice-Cancellor*
3. **YB Datuk Amar Haji Hamid Bugo**
   Setiausaha Kerajaan Negeri Sarawak/
   State Secretary of Sarawak
4. **YBhg Dato' Mohd Noordin Hassan**
   Ketua Setiausaha Kementerian Pendidikan/
   Sec Gen Min of Education
5. **YBhg Datuk Dr Wan Mohd Zahid Mohd Noordin**
   Ketua Pengarah Pendidikan/*Dir Gen of Educatio*n
6. **YBhg Tan Sri Dato' Mahmud Taib**
   Ketua Pengarah Perkhidmatan Awam/
   Dir Gen of Public Services Dept
7. **YBhg Tan Sri Dato' Ir Wan Abdul Rahman Hj Wan Yaacob**
   Ketua Pengarah Kerja Raya/*Dir Gen of Public Works*
8. **YBhg Tan Sri Dato' Dr Abu Bakar Dato' Suleiman**
   Ketua Pengarah Perkhidmatan Perubatan & Kesihatan/
   Dir Gen of Medical and Health Service
9. **Tuan Haji Abd Majid Hj Hussein**
   (dari Mac 1993 hingga Ogos 1993)
   Encik Mohamad Yunus (dari Ogos 1993 hingga sekarang)
   Wakil Ketua Setiausaha Perbendaharaan/
   Rep Sec Gen of Treasury
10. **Puan Zaleha Yusof**
    Wakil Peguam Negara/*Rep of Attorney General*

Mesyuarat Majlis UNIMAS pertama pada 6 Mac 1993,
diambil bersama YB Datuk Amar Dr Sulaiman Hj Daud,
Menteri Pendidikan Malaysia
Ist Council Meeting on 6 March 1993, with
YB Datuk Amar Dr Sulaiman Hj Daud, Minister of Education Malaysia

PENGURUSAN

Management

NC/*VC*
Prof Dato' Dr Zawawi Ismail

TNC(P&K)/*DVC(R&S)*
Prof Dr Ghazally Ismail

TNC(A&PP)/*DVC(A&SD)*
Dr Yusuf Hadi

Dekan/*Dean*

FK/*FE*
Prof Madya/*Assoc Prof*
Dr Khairuddin Ab Hamid

FPSK/*FMHS*
Prof Dr Syed Hassan Ahmad Almashoor

FSKPM/*FCSHD*
Prof Dr Razali Arof

FSS/*FSS*
Dr Abdul Rashid Abdullah

FSTS/*FRST*
Prof Dr Laily B Din

FSGK/*FACA*
Prof Madya/*Assoc Prof*
Hatta Azad Khan

FTM/*FIT*
Prof Dr Zahran Halim

PPP/*CSD*
Prof Madya/*Assoc Prof*
Dr Sulaiman Hj Hanapi

PPGM/*CALM*
Prof Madya/*Assoc Prof*
Dr Halimahtun Dato' Mohd Khalid

Pengarah/*Director*
PPTP/*CTTC*
Prof Dr Murtedza Mohamed

Pengarah Kewangan/
Director, Finance
Pn Kamariah Mohd Janor

Pengurus Pentadbiran /
Manager, Administration
En Mohd Bakhari M Yasin

Pengurus Khidmat Maklumat Akademik / *Manager, CAIS*
Puan Margaret Simeng

Pengurus Estet / Pembangunan /
Manager, Estate Management /
Development
En Ahmad Katang

Pengurus Kewangan /
Manager, Finance
Cik Saniah Hj Mohd Hussein

Pengurus Akademik/
Manager, Academic
Pn Rasidah Abd Rahman

1. **Prof Dato' Dr Zawawi Ismail**
2. **Prof Dr Ghazally Ismail**
3. **Dr Yusuf Hadi**
4. **Prof Dr Laily B Din**
5. **Dr Abdul Rashid Abdullah**
6. **Prof Madya Dr Sulaiman Hj Hanmapi**
7. **Prof Dr Zahran Halim**
8. **Prof Madya Dr Khairuddin Ab Hamid**
9. **Prof Madya Hatta Azad Khan**
10. **En Mohd Bakhari M Yasin**

UNIVERSITI MALAYSIA
SARAWAK

PENDAHULUAN

Introduction

Universiti Malaysia Sarawak (UNIMAS) telah diperbadankan pada 24 Disember 1992. Laporan perancangan korporatnya (1 Januari 1993) telah menurunkan aturcara pembangunan Universiti sebagai gerak balasnya terhadap Wawasan baru mengenai hala tuju dan masa depan Negara ini. Ia memberi perhatian kepada peningkatan ilmu serta keupayaan inovatif asas sumber Negara. Urusan teras Universiti: pengajaran, penyelidikan serta perkhidmatan, ditujukan ke arah pembangunan ketrampilan dalam beberapa bidang utama. Ia telah mengenalpasti peluang-peluang untuk dijadikan pusat-pusat kecemerlangan tertentu.

Laporan Tahunan yang ulung ini merakamkan pencapaian kita sepanjang tahun 1993. Banyak yang telah tercapai dari segi pembangunan wawasan, pembangunan fizikal serta pembangunan program: pengajaran telah berjalan, penyelidikan dan khidmat telah tercetus, serta pentadbiran dan pengurusan telah bermula.

Satu tahun, suatu jangka masa yang singkat sedangkan keperluan dan tuntutan yang mendesak dalam kedua-dua aspek fizikal dan konsep perlu dipenuhi dan ditangani. Segala aspek saling berkait, yang satu bergantung kepada yang lain. Justeru itu, kita berbangga dengan apa yang tercapai dalam tempoh sesingkat itu. Kita telah dapat mula mendaftarkan pelajar hanya lapan bulan selepas Universiti diperbadankan, dan kita telah dapat menduduki ruang bangunan melebihi 30,000 meter persegi, dalam kawasan seluas 18 hektar, hanya enam bulan selepas tapak tanah mula dipecah – semuanya itu berlaku dalam tempoh kurang dari satu tahun.

Universiti baru ini telah berjaya menangani cabaran sungguhpun berdepan dengan sumber dan kemudahan yang terhad. Perkongsian wawasan di kalangan golongan pertama UNIMAS untuk bersama merintis jalan dalam perkembangan institusi pendidikan tinggi Negara telah menjadi pendorong dalam pembangunan pelbagai pendekatan baru mengenai konsep dan metodologi akademik, dalam piawai dan budaya akademik, serta dalam struktur dan pengurusan organisasi.

Universiti ini bermula dengan penawaran kursus-kursus prasiswazah berasaskan program, satu pendekatan baru dalam pengurusan pengajian supaya unsur antara disiplin serta sifat keluwesan program dapat diterap dan diamalkan. Setiap program pula direncana berasaskan struktur pengajian yang memberi penekanan kepada pemajuan pelajar secara holistik.

Pembinaan ketrampilan teras dalam pelbagai disiplin dan kemampuan untuk mempelopori dan memanfaatkan ilmu merupakan dua ciri utama program akademiknya. Justeru itu, UNIMAS juga berhasrat menjadikannya sebuah institusi yang menekankan aspek penyelidikan dan perkhidmatan. Kualiti dan segala urusan berhubung dengannya merupakan keutamaan Universiti ini. Selaras dengan matlamat ini, UNIMAS telah menggaris dan mengamalkan etika kerja dan budaya pengurusannya sendiri bagi memastikan pengurusan yang berkualiti dalam semua aspek pembangunannya.

UNIMAS telah mengatur langkah melaksanakan segala perencanaan yang telah dikemukakan dalam Laporan Perancangan Akademik. Kerencaman di masa hadapan tentunya lebih mencabar. Namun, tekad, semangat dan keazaman kuat yang sedia wujud di kalangan yang ada memberi keyakinan bahawa sebuah universiti yang terkenal dan terpilih akan terdiri megah di Kota Samarahan ini.

Bangunan Canselori yang menempatkan Bahagian Canselori, Pentadbiran Am, Kewangan, Pembangunan & Pengurusan Estet, Akademik & Pemajuan Pelajar
The Chancellery Building which houses the Chancellery, Gen. Admin., Finance, Dev. and Estate Mgmt., Academic & Student Development Divisions.

Universiti Malaysia Sarawak was incorporated on 24 December 1992. Its Corporate Plan (January 1993) laid out the blueprint for the University's development based on a response to the new Vision of the future course of this Nation. The focus is on enhancing the knowledge and innovative capacity of Malaysia's resource base. The University's core business of teaching, research and services is targeted towards building up competencies in a number of major areas. It has identified special opportunities and niche areas and aims to build these into selective centres of excellence.

This maiden annual report documents the achievements of our first year, 1993. Much has been achieved in terms of vision building, physical building and programme development: teaching has been established, research and services initiated, administration and management begun.

One year is a very short time when so many diverse aspects both physical and conceptual are immediate requirements to establish a university. All aspects are interlinked, one relying on another. We take pride in what has been accomplished during this short span of time. Within eight months of incorporation we were able to register students, and within six months of our ground-breaking ceremony, we could occupy more than 30,000 square metres of building space on an 18 hectare site – all in less than a year.

The new University has succeeded in this challenge in the face of limited resources and amenities. The shared vision of the UNIMAS pioneers to open up new frontiers for Malaysian institutions of higher learning has been the impetus in the development of new approaches with regard to academic concepts and methodology, academic standards and culture, and organisational structure and management.

UNIMAS offers undergraduate courses which are programme based; it adopts an interdisciplinary approach in course management and promotes broad-based programmes. These programmes adopt a course structure that emphasises the total, not just the academic, development of the student. Core competence in each discipline and the ability to impart and apply knowledge together constitute the pillars of the academic programmes. UNIMAS positions itself as an institution that emphasises research and services. Quality and quality-related matters are accorded high priority. In this respect, UNIMAS has established its own standards and guidelines towards achieving Total Quality Management in all aspects of its development.

UNIMAS has taken steps towards implementing all the programmes contained in the Academic Planning Report. Formidable challenges are anticipated in the days ahead. However, the prevailing positive attitude, enthusiasm, and determination amongst all who are with UNIMAS will ensure that an exemplary and choice university will stand proud in this Kota Samarahan.

YAB Perdana Menteri Malaysia merasmikan Majlis Perletakan Batu Asas UNIMAS
YAB Prime Minister of Malaysia officiating the Ground Breaking Ceremony of UNIMAS

Logo UNIMAS dilancarkan pada 31 Ogos 1993
The UNIMAS logo was launched on 31st August 1993

PENGAJARAN DAN PEMBELAJARAN

Teaching and Learning

FAKULTI DAN PROGRAM AKADEMIK

Tiga fakulti: Fakulti Sains dan Teknologi Sumber (FSTS), Fakulti Sains Kognitif dan Pembangunan Manusia (FSKPM), Fakulti Sains Sosial (FSS), bersama dua Pusat: Pusat Pengajian Bahasa (PPB) serta Pusat Pembelajaran Gunaan dan Multimedia (PPGM) telah ditubuhkan pada permulaan sidang akademik 1993/94. FSTS dan FSS masing-masing telah menawarkan program pengajiannya yang pertama manakala FSKPM membantu dalam perencanaan kursus generik. PPB dan PPGM turut membantu dengan menawarkan kursus dan perkhidmatan sokongan.

Fakulti Sains dan Teknologi Sumber

Pengajian mengenai sains, teknologi dan pengurusan sumber menjadi fokus FSTS. Fakulti ini memberi tumpuan kepada bidang-bidang pengajian dan penyelidikan yang berkait rapat dengan isu keseimbangan antara pengeksploitasian dan pemeliharaan sumber semulajadi. Ia menggunakan pendekatan yang berbentuk multidisiplin dan memanfaatkan ilmu pengetahuan terkini serta teknologi canggih dalam perencanaan program akademiknya.

Di peringkat prasiswazah, ia menawarkan lima bidang pengkhususan: **Sains dan**

FACULTY AND ACADEMIC PROGRAMMES

Three faculties: Faculty of Resource Science and Technology (FRST), Faculty of Cognitive Sciences and Human Development (FCSHD) and Faculty of Social Sciences (FSS); together with two centres: The Centre for Language Studies (CLS) and the Centre for Applied Learning and Multimedia (CALM), were established at the beginning of the 1993/94 academic session. FRST and FSS began offering their first year programmes while FCSHD assisted in the preparation of generic courses, and CLS and CALM assisted through their academic support services programmes.

Faculty of Resource Science and Technology

The focus of FRST is on the study of science, technology and resource management. Its interests are in studies and research areas that are related to issues on balancing the exploitation and conservation of natural resources. FRST adopts a multi-disciplinary approach, involving the input of conventional knowledge and sophisticated technology in planning its academic programmes.

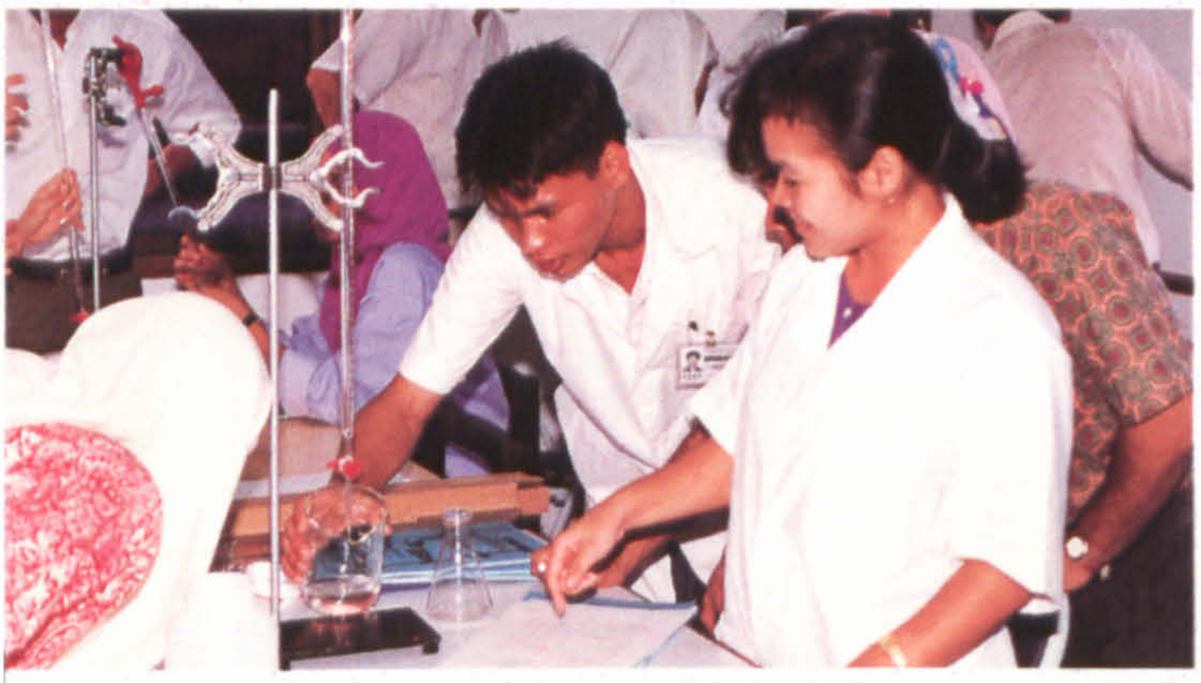
At the undergraduate level, the faculty offers five programmes: **Animal Resource Science and Management, Plant Resource Science and Management, Aquatic Resource Science and Management, Resource Chemistry and Resource Biotechnology**. *In the coming 1994/95 academic session,*

atas/*top*
Pendaftaran berkomputer pelajar perintis
Computerised registration of pioneering students

tengah/*centre*
Naib Canselor mengalukan pelajar perintis
The Vice-Chancellor addressing and welcoming the pioneering students

bawah/*bottom*
Pengerusi Majlis UNIMAS beramah mesra dengan pelajar dalam Minggu Aluan Siswa
The Chairman of UNIMAS Council meeting the students during the Student Welcoming Week

Pengurusan Sumber Haiwan, Sains dan Pengurusan Sumber Tumbuhan, Sains dan Pengurusan Sumber Akuatik, Kimia Sumber dan Bioteknologi Sumber. Dua Program lagi akan ditawarkan pada sesi 1994/95 iaitu **Sains dan Pengurusan Sumber Bumi** dan **Sains Bahan dan Kayuan**. FSTS telah juga memulakan lima projek penyelidikan: Sains dan Teknologi Sagu, Tumbuhan Ubatan dan Kimia Sebatian Semulajadi, Kajian Penilaian Sekitaran Sarawak, Inventori Khazanah Semulajadi Sarawak, serta Kajian Etnobotani Kinabalu.



Fakulti Sains Kognitif dan Pembangunan Manusia

Urusan minda menjadi tumpuan utama FSKPM. Fakulti bertujuan untuk meningkat kefahaman mengenai sejarah, kemajuan dan teknologi ilmu, terutamanya yang berkaitan dengan pembangunan manusia; permodelan proses pemikiran menggunakan teknologi dalam neurosains; serta teknik komunikasi berkesan.

Walaupun FSKPM tidak menawarkan sebarang program pengajian pada sesi 1993/94, namun ia terlibat dalam pelaksanaan kursus-kursus generik dan bahasa Inggeris. FSKPM sedang menyusun program-program pengajian, antaranya program **Pengurusan Sumber Manusia dan Sains Kognitif**. Program tersebut akan membekal prasiswazah dengan ketrampilan dalam pembangunan dan pengurusan sumber manusia di samping mampu memanfaatkan minda

it will offer two more programmes: **Earth Resource Science and Management**, *and* **Material and Wood Science**. *FSRT has also started work on five research projects: Sago Science and Technology, Medicinal Plants and Natural Products Chemistry, Sarawak Environment Appraisal Study, and Sarawak Natural Heritage Inventory and Ethnobotany of Kinabalu.*

Faculty of Cognitive Sciences and Human Development

The business of the mind is the emphasis of the Faculty of Cognitive Sciences and Human Development. The Faculty aims to develop an understanding of the history, progress and technology of knowledge, particularly with regard to human development; the modeling of thought processes using technology in neuroscience; and effective communication techniques.

While it has not offered any programmes in the 1993/94

atas/*top*
Mengendalikan kajian ke atas persekitaran
Conducting an environmental research

tengah/*centre*
Pelajar FSTS meneroka ilmu melalui amali
FRST students in pursuit of knowledge through practicals

bawah/*bottom*
Lawatan akademik ke Taman Rekreasi
Academic visit to the Bako Recreational Park

dan teknologi untuk mencipta, mengolah dan menyebar maklumat. Penyelidikan yang telah dikenalpasti termasuk: Rekabentuk organisasi dan sistem bagi produktiviti, kualiti dan sikap pekerja; maklumat dan sistem kepakaran sumber manusia, latihan dan program sumber manusia serta perubahan perlakuan remaja dan dewasa.

Fakulti Sains Sosial

FSS menekankan pembangunan ilmu serta perspektif sosial dalam perancangan pembangunan masyarakat, terutama dalam konteks perubahan sosial yang pesat. Di peringkat prasiswazah, FSS menawarkan enam program ijazah: **Kajian Antarabangsa**, **Kajian Perburuhan**, **Khidmat Sosial**, **Kajian Komunikasi**, **Politik dan Pemerintahan**, serta **Perancangan dan Pengurusan**. Projek Penyelidikan awalnya merangkumi: Perubahan Sosial dan Budaya, Kajian Pembangunan di Sarawak dan Warisan Budaya.

Pusat Pengajian Bahasa

Pusat Pengajian Bahasa memberi sokongan kepada pelajar dari disiplin lain berkomunikasi dalam bahasa Inggeris. Kursus-kursusnya meliputi: Struktur dan Kemahiran Komunikasi dalam bahasa Inggeris, Penulisan dan Bacaan Akademik. Projek Penyelidikannya termasuk: Pembelajaran Bahasa Dibantu Komputer, Linguistik dalam Pendidikan, Analisa Perbincangan, Etnolinguistik.

Pusat ini akan menawar, dengan kerjasama FSKPM, program TESL mulai tahun 1994. Usaha bersama PPGM mencari jalan bagi penerapan pendekatan pembelajaran sepadu dengan pengajian bahasa.

Fakulti Baru

Menjelang sesi 1994/95, tiga buah lagi fakulti telah ditubuhkan dengan perlantikan Dekan masing-masing. Fakulti tersebut ialah

academic session, FCSHD participated in the running of generic and English language courses. The Faculty has mapped out the course content for several of its academic programmes, including ***Human Resource Management*** *and* **Cognitive Sciences**. *These programmes will provide undergraduates with a competence in the development and management of human resources, as well as the use of technology and intellect to*

atas/*top*
Pelajar FSS memahirkan diri dalam tinjauan sosial
FSS students improving their social survey skills

bawah/*bottom*
Mempelajari Bahasa Inggeris secara aktif dan inovatif
Learning the English language actively and innovatively

Fakulti Teknologi Maklumat (FTM), **Fakulti Kejuruteraan (FK)** serta **Fakulti Seni Gunaan dan Kreatif (FSGK)**.

FSGK akan menawarkan program dalam **Drama dan Teater**, **Senilukis dan Senireka**, **Sinematografi**, serta **Pelancongan Budaya/ Hospitaliti**. FK akan menawarkan program dalam **Kejuruteraan Elektronik dan Telekomunikasi**, **Kejuruteraan Komputer dan Maklumat**, serta **Kejuruteraan Am**. FTM pula akan menawarkan program dalam **Kejuruteraan Perisian**, **Sistem dan Teknologi Maklumat**, serta **Pengkomputeran Saintifik**.

Mempelajari tentang potensi teknologi maklumat dalam pengajaran-pembelajaran
Learning about the potential of information technology in teaching-learning

PEMBELAJARAN DAN PEMBANGUNAN KURIKULUM

UNIMAS mengambil pendekatan baru dalam rekabentuk akademik. Kursus-kursus prasiswazahnya berasaskan program. Penekanan terhadap pendekatan multidisiplin diberikan. Keluwesan

generate, process and transmit information.

Identified research areas include: Organisation and system design for productivity, quality and employees attitude; Human resource information and expert systems; Human resource training and programmes; and Behavioural change in youth and adults.

The Faculty of Social Sciences

The focus of FSS is on developing knowledge and social perspective for planning the development of society, particularly in the context of rapid social change. At the undergraduate level, FSS offers six programmes: **International Studies**, **Social Work**, **Industrial Relations**, **Politics and Government**, **Communication Studies**, *and* **Planning and Management**. *Initial research projects include: Social and Cultural Change; Development Studies in Sarawak and Cultural Heritage.*

Centre for Language Studies

The Centre for Language Studies supports students from all other disciplines in communication in English language. Courses offered include: Communication Structures and Skills in English, Academic Reading and Writing. Research projects include: Computer Assisted Language Learning (CALL), Linguistics in Education, Discourse Analysis, Ethnolinguistics.

This centre will offer, in collaboration with FCSHD, a programme in **TESL**

commencing in 1994. In collaboration with CALM, the Centre is researching ways to adapt integrated learning approaches to the study of language.

New Faculties

In preparation for the 1994/95 academic session, three more faculties were set up: the **Faculty of Applied and Creative Arts (FACA)**, *the* **Faculty of Engineering (FE)** *and* **the Faculty of Information Technology (FIT)**, *all have appointed their Deans. FACA will offer programmes in* **Drama and Theatre**, **Art and Design, Cinematography** *and* **Cultural Tourism/ Hospitality**. *FE will offer programmes in* **Electronic Engineering and Telecommunications**, **Computer and Information Engineering** *and* **Civil Engineering**. *FIT will offer* **Software Engineering**, **Information and System Engineering** *and* **Scientific Computerisation**.

LEARNING AND CURRICULUM DEVELOPMENT

UNIMAS has taken a new approach in terms of academic design. Its undergraduate courses are programme-based. The emphasis is on a multi-disciplinary approach. Flexibility is ensured through a modular structure that allows for course portability and for ease of transfer from full-time to part-time or distance education needs.

The emphasis at UNIMAS is on the total development of students and its degree programmes is structured to

terjamin melalui struktur bermodul yang memungkinkan kebolehangkutan kursus serta mudah dialih dari sepenuh-masa ke separuh-masa ataupun bagi keperluan pendidikan jauh.

UNIMAS menekankan konsep pemajuan individu secara menyeluruh dan program-program ijazahnya distrukturkan untuk memungkinkan siswazahnya berfikiran luas, terbuka, matang dan berpandangan jauh, di samping membina keikhtisasan agar menjadi profesional yang berkemampuan, peka dan berupaya bertindakbalas terhadap perubahan serta menguasai dan menerajui perubahan. Justeru itu, program-programnya direkabentuk supaya liberal dan luas asasnya. Pendekatan secara bermultidisiplin menjamin pelajar memperoleh ilmu dan kemahiran yang cukup untuk memenuhi tuntutan masyarakat dan industri.

Pelajar setiap program dikehendaki mengikuti sekurang-kurangnya 130 unit kursus dan lulus sekurang-kurangnya 126 unit yang ditetapkan. Jumlah ini terdiri daripada 80 unit Kursus Teras, 16 unit Kursus Pelengkap dan 34 unit Kursus Generik. Kursus **Teras** yang direncanakan bagi meningkat pembangunan intelek. Sifat kursus yang koheren dan berasas luas menjadi asas ketrampilan pelajar supaya mereka dapat mengharungi arus pembangunan dan perubahan. Kursus **Pelengkap** membolehkan pelajar mendalami bidang lain selain daripada jurusannya. Pelajar dikehendaki mengikuti kursus-kursus tersebut dan mencapai suatu tahap yang memuaskan. Kursus **Generik** bertujuan melatih pelajar menjadi warganegara yang berautonomi tetapi juga anggota masyarakat yang bekerjasama – memiliki kesanggupan bekerja dan sepakat dalam mencapai sesuatu tujuan.

enable graduates not only to be skilled and highly competent, but also open-minded, mature and far-sighted. The programmes will equip students with a strong sense of professionalism, enabling them not only to respond positively to a changing environment, but also to master and direct change.

The undergraduate programmes are therefore designed to be liberal and broad-based. A multi-disciplinary approach ensures that students acquire enough knowledge and skills to meet the needs of both society and industry.

Students of every programme register for a minimum of 130 units of courses and they are required to pass at least 126 units. Of these, 80 are core course units, while 16 are complementary and 34 are generic. **Core** *courses are designed for each programme with the aim of fostering students' intellectual development. Coherent and broad-*

Membincang pembangunan kurikulum dalam mesyuarat Lembaga Akademik
Discussing curriculum development in the Academic Board meeting

atas/*top*
Pembelajaran berbantukan komputer dan secara usahasama yang menyeronokkan
The joy of computer-assisted and collaboration learning

bawah/*bottom*
Juruteknik PPGM sedang membuat rakaman video
The techinicans of CALM doing a video recording

PEMBELAJARAN GUNAAN

UNIMAS inginkan supaya kaedah pendidikan beranjak daripada yang berpusatkan pengajaran kepada yang berpusatkan pembelajaran, terutama dalam tahun-tahun akhir pengajian. Kumpulan Pembangunan Kurikulum telah ditubuhkan untuk meninjau kaedah dan pendekatan inovatif dalam pengajaran-pembelajaran, seperti pembelajaran perundingan, pembelajaran bersepadu, dan juga pembelajaran berbantukan komputer.

Pusat Pembelajaran Gunaan dan Multimedia

Pusat Pembelajaran Gunaan dan Multimedia (PBGM) telah ditubuhkan untuk mendukung misi UNIMAS untuk menjadi pusat pembelajaran contoh yang diiktiraf dari segi penerapan teknologi terkini dalam sistem pembelajaran-pengajaran. Selain dari itu, CALM menyokong pengkaryaan kreatif dalam kegiatan penyelidikan dan pembangunan bahan pendidikan, pembangunan ketrampilan pengajaran secara inovatif, serta pembelajaran jarak jauh. Sehubungan dengan itu, PBGM mempunyai matlamat untuk: meningkatkan pemindahan ilmu dalam bidang teknologi pendidikan; merancang dan melaksanakan program pemajuan tenaga akademik dalam peningkatan ketrampilan pengajaran berkesan; mengendalikan penyelidikan dan pembangunan bahan kursus berinovatif; memberi khidmat

based, they are the foundation for students' continuing competence enabling them to adapt to future developments and change. **Complementary** *courses provide students with the opportunity to delve into disciplines other than their own. Students are required to take courses offered by other programmes and to attain a satisfactory level in these courses.* **Generic** *courses are designed to groom students to be citizens who are autonomous yet co-operative members of society – enthusiastic to work with others to attain common and jointly negotiated objectives.*

APPLIED LEARNING

UNIMAS intends to shift the educational approach from teaching-centred to learning-centred, particularly during the final year of studies. A Curriculum Development committee has been formed to examine innovative teaching-learning approaches and methods which include negotiated learning, integrated learning and computer-assisted learning.

Centre for Applied Learning and Multimedia

The Centre for Applied Learning and Multimedia (CALM) was established to support UNIMAS's mission to become an exemplary centre of learning that incorporates advanced technology into the teaching-learning system. CALM also supports creative work in research and educational material development, development of innovative teaching expertise

sokongan berbentuk ilmiah, nasihat dan teknikal yang berkualiti; mengkaji proses kawalan kualiti pengajaran-pembelajaran.

Pusat ini telah mengenalpasti kegiatan berikut: Perkhidmatan akademik melalui program profesional dan pasca-siswazah, perkhidmatan sokongan yang mencakupi bidang multimedia, senifoto dan percetakan, penyelidikan dan penerbitan bahan grafiks, multimedia, perkhidmatan jaminan kualiti serta perundingan dan penasihatan. Penekanan juga diberikan kepada penyelidikan dan penerbitan bahan kursus multimedia.

KUALITI

UNIMAS memberi kepentingan terhadap kualiti proses pengajaran-pembelajaran. Kumpulan Jaminan Kualiti Akademik, di bawah Jawatankuasa Jaminan Kualiti, telah ditubuhkan di peringkat fakulti masing-masing. Prosedur-prosedur jaminan kualiti akademik kini sedang dirumuskan.

and distance learning. In this context, CALM aims to facilitate the transfer of knowledge in education technology, to plan and implement programmes to effectively enhance the academic staff's teaching skills, to promote research and development in innovative course materials, to provide high-quality intellectual, advisory and technical support services, and to assess quality-control with regard to teaching and learning.

The Centre has identified the following areas of activity: academic services through professional and post-graduate programmes, support services including photography, multimedia and printing, research and publication of multimedia course materials, quality assurance as well as consultancy and advisory services. Emphasis is currently placed on computer-assisted research and publication of multimedia course materials.

QUALITY

UNIMAS pays serious attention to the quality of the teaching-learning process. Following a workshop organised to discuss issues on quality, the Committee for Quality Assurance has formed Academic Quality Assurance Groups at the faculty level. Quality control procedures are currently being initiated.

Kakitangan akademik mengikuti taklimat tentang prosedur jaminan kualiti dalam pengajaran-pembelajaran
The academic staff being briefed on quality assurance procedures in teaching-learning

PELAJAR DAN PEMAJUAN PELAJAR

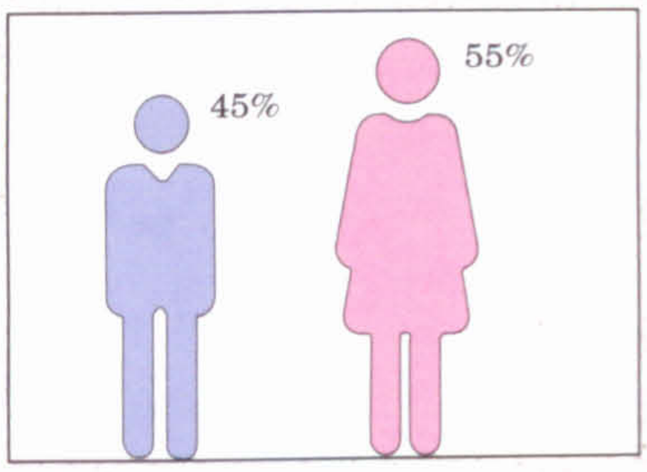
Kumpulan pelajar pertama UNIMAS telah terdaftar dengan dua Fakulti: 41 orang dengan FSTS dan 78 dengan FSS. Golongan pelajar perintis ini berasal dari pelbagai tempat di Malaysia dan mewakili kumpulan etnik dan latar-belakang yang berbeza. Minggu Aluan Siswa telah diadakan bagi mengalu-alukan kedatangan mereka. Pada minggu tersebut, pelajar baru mengikuti pelbagai aktiviti bertujuan memupuk semangat berpasukan dan kekitaan. Mereka juga didedahkan kepada asas-asas pembelajaran seperti pengurusan masa dan strategi pembelajaran berkesan.

UNIMAS telah menubuhkan Pusat Pemajuan Pelajar dengan tujuan membimbing dan memperlengkapkan pelajar dengan kemahiran hidup di kampus. Pusat ini menyediakan tempat tinggal, khidmat kesihatan dan kaunseling serta menyelaras kegiatan ko-kurikulum dan kegiatan luar pelajarnya. Di antara kegiatan yang dijalankan ialah projek khidmat masyarakat, **Budisiswa**, di Kampung Gedung.

Dalam pembinaan awal ini, sememangnya wujud permasalahan dan kesukaran memenuhi semua tuntutan dan keperluan pelajar termasuk pembekalan kemudahan senggang bagi kegiatan sosial, kebudayaan dan sukan serta serba kemudahan kolej kediaman. Namun UNIMAS yakin masalah ini akan dapat diatasi dan kualiti perkhidmatannya akan diperbaiki dan bertambah baik sesuai dengan pembangunan universiti.

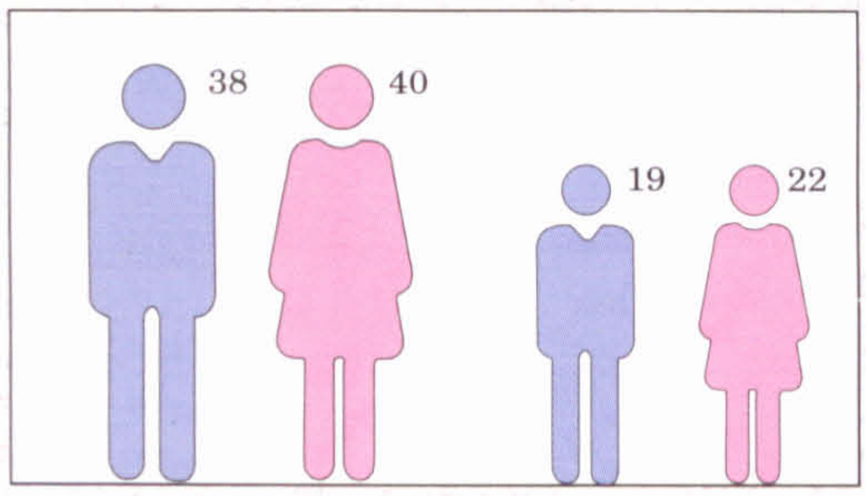
Aktiviti sukan diutamakan dalam kursus senggang
Sport activity is given emphasis in recreational / leisure courses

Bilangan Kemasukan Pelajar UNIMAS 1993/94
Number of Undergraduate Admission to UNIMAS 1993/94



54 orang/*persons* 65 orang/*persons*

Bilangan Pelajar Mengikut Jantina 1993/94
Number of Undergraduate by Gender 1993/94



Fakulti Sains Sosial
Faculty of Social Sciences

Fakulti Sains dan Teknologi Sumber
Faculty of Resource Science and Technology

Pelajar perintis melalui suaikenal
Student pioneers in an ice-breaking session

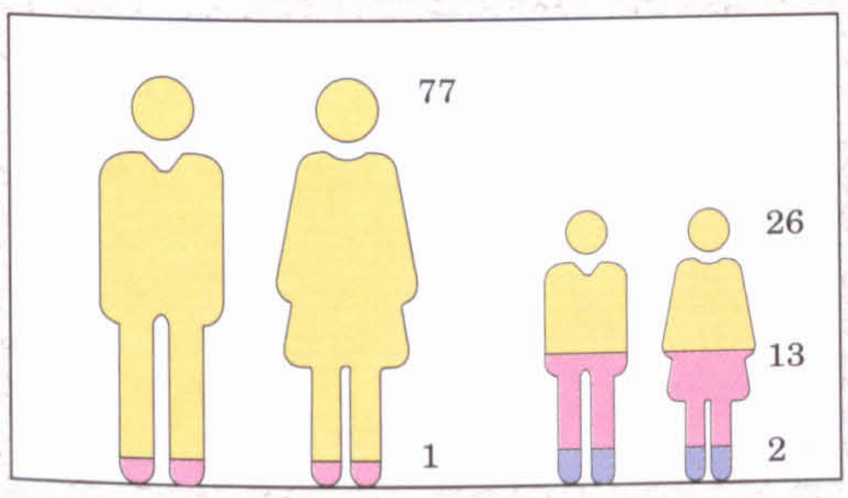
STUDENTS AND STUDENT DEVELOPMENT

The first UNIMAS students were registered with two faculties: 41 with the FRST and 78 with the FSS. The pioneer batch come from all over Malaysia and represent a variety of ethnic, social and family backgrounds. A Welcoming Week was organised to settle them into their new environment. During the week, the students participated in organised activities aimed at building team spirit and closer rapport. In addition, they were taught to use basic learning tools including Time Management and Effective Learning Strategies.

UNIMAS has set up a Centre for Student Development to guide and equip students with the necessary living skills for their stay at the University. The Centre provides hostel accommodation, health services and counseling to students. It also plans and co-ordinates co-curricular activities and extra-curricular activities which include sports and club activities. Among the various activities, UNIMAS organised a one-week **Budisiswa** *project at Kampung Gedung.*

In these earlier stages of development, here are some short-comings in meeting students' needs which include providing leisure facilities for social, cultural and sports activities and amenities for residential colleges. Nevertheless, UNIMAS is confident that all these will be provided and the quality of service will improve as the university progresses.

Bilangan Pelajar Mengikut Fakulti Bagi Tahun 1993/94
Number of Undergraduate by Faculty of 1993/94



Pembelajaran berasaskan rakan sebaya dan berpasukan digalakkan di UNIMAS
UNIMAS encourage peer and teamwork learning

PENYELIDIKAN DAN KHIDMAT

Research and Services

PENYELIDIKAN

UNIMAS telah mengambil langkah menyediakan kemudahan penyelidikan dan program pasca-siswazah. Kerajaan Negeri Sarawak dan Yayasan Pendidikan Tinggi Sarawak telah menyumbang bantuan bernilai RM5 juta bagi mewujudkan dua kerusi penyelidikan: Kerusi Tun Zaidi untuk penyelidikan dalam bidang Kimia Perubatan dan Kerusi Tun Openg untuk penyelidikan sagu. Shell Sarawak pula telah berjanji akan memberi sumbangan yang bernilai RM2 juta bagi mewujudkan satu lagi kerusi penyelidikan dalam bidang yang akan dikenalpasti dan ditentukan kemudian.

Di samping itu, UNIMAS juga telah menerima gran penyelidikan bernilai RM490,860 daripada Yayasan MacArthur untuk menyokong kegiatan penyelidikan dalam bidang Kepelbagaian Biologi. Komuniti Ekonomi Eropah juga telah menyumbang peruntukan yang bernilai RM105,000 bagi membiayai projek Peranan Eksotoksin dalam Penyakit Melioidosis.

Setiap fakulti dan pusat telah mengenalpasti bidang tumpuan penyelidikan masing-masing dan akan menawarkan program pasca-siswazah yang dijadual akan bermula dalam tahun 1994. Tiga institut – **Institut Pengajian Asia Timur**, **Institut Kepelbagaian Biologi** dan **Pemuliharaan Alam Sekitar** serta **Institut Kesihatan dan Perubatan Komuniti** yang akan beroperasi pada pertengahan tahun 1994.

Persidangan dan Seminar

Sepanjang tahun tersebut, pegawai akademik UNIMAS telah menghadiri beberapa persidangan dan seminar di dalam dan luar negeri. UNIMAS juga telah menganjurkan dua seminar/bengkel dalaman: 'Pencapaian Misi dan Wawasan UNIMAS' (Oktober 2–3), 'Pembelajaran Bersepadu' (December 27–30) dan Simposium Kebangsaan mengenai 'Sumber Semulajadi Hutan Tropika' (December 6–8).

RESEARCH

UNIMAS has taken steps to provide research facilities and postgraduate programmes. The Sarawak State Government and the Sarawak Foundation for Higher Education have contributed RM5 million for two research chairs: the **Tun Zaidi Chair for Medical Chemistry** *and the* **Tun Openg Chair for Sago Technology**. *Sarawak Shell has pledged a contribution of RM2 million towards the setting up of another chair in a field that will be identified later.*

UNIMAS has received a grant of RM490,860 from the MacArthur Foundation to support research work in Biodiversity. The European Economic Community has given the University an allocation of RM105,000 to fund its project on the Role of Exotoxin in Melioidosis.

The Faculties and Centres have identified their individual research areas and will offer various postgraduate programmes scheduled to start in 1994. Three institutes – **Institute of East Asian Studies**, **Institute of Biodiversity** *and*

Penyelidikan/Kerusi Penyelidikan/Perundingan ***Research/Research Chair/Consultancy***	**Fakulti** ***Faculty***	**Jumlah (RM)** ***Amount***	**Biayaan** ***Sponsor***
Human Melioidosis: The pathogenic role of exotoxin in Pseudomonas pseudomallei infection and Elisa diagnosis	Fakulti Sains dan Teknologi Sumber *Faculty of Resource Science and Technology*	RM105,000	Komuniti Ekonomi Eropah *European Economic Community*
Kerusi Kejuruteraan *Engineering Chair*	Fakulti Kejuruteraan *Faculty of Engineering*	RM2,000,000	Sarawak Shell Berhad *Sarawak Shell Berhad*
Sub Jumlah		RM2,105,000	

KHIDMAT

Pusat Khidmat Maklumat Akademik

Pusat Khidmat Maklumat Akademik (PKMA) mulai beroperasi pada bulan Mei 1993, bertujuan memberi sokongan kepada perolehan, pemprosesan dan disiminasi maklumat melalui pelbagai media seperti bahan cetak, pengkalan data dalam CD-ROM, perakam video dan audio, mikrofis dan mikrofilem. Pusat ini telah memperoleh banyak bahan pengajaran dan alat-alat kelengkapan sepanjang tahun tersebut. Sebanyak 12,128 naskhah buku dengan harga RM1,556,459, dan 842 judul terbitan bersiri dengan harga RM1,132,636 telah diperolehi. Kelengkapan seperti rak, alat pandang dengar, alat mikrofilem dan mikrofis, projektor slaid dan sistem CD-ROM telah melibatkan kos sebanyak RM394,120.

Environmental Conservation, and Institute of Health and Community Medicine – *will begin operations by mid-1994.*

Conferences and Seminars

During the year, UNIMAS academic staff attended several conferences and seminars, both locally and overseas. The University also conducted two in-house seminars/workshops: 'Delivering the UNIMAS Mission' (October 2–3), 'Integrative Learning' (December 27–30) and A National Symposium on 'Tropical Natural Resources' (December 6–8).

SERVICES

Centre for Academic Information Services

The Centre for Academic Information Services (CAIS) began operations in May 1993. It aims to acquire, process, and disseminate information using multimedia including print, data bases in CD-ROM, video tapes, audio tapes, microfilm, microfiche and slides. The Centre has acquired much material and equipment during the year. A total of 12,128 books valued at RM1,556,49 and 842 serial publications valued at RM1,132,636 have been ordered to meet academic needs. Shelves, audio-visual equipment, microfiche and microfilm scanners, slide projectors and the CD-ROM system at a cost of RM394,120 were purchased to equip the Centre.

The Centre provides services as follows: photocopying; literature search from data bases in CD-ROM; inter library loan; orientation courses for new staff and students; red-spot collection for short-term reference materials; yellow-spot loan for texts which include pictures, diagrams, maps. Facilities include a reading

Tajuk Penyelidikan *Research Topics*	**Institut** *Institution*	**Jumlah (RM)** *Amount*	**Biayaan** *Sponsor*
Kerusi Tun Zaidi: Kimia Ubatan dan Hasilan Semulajadi *Tun Zaidi Chair: Medicinal and Natural Product Chemistry*	Institut Kepelbagaian Biologi dan Pemuliharaan Alam Sekitar *Institute of Biodiversity and Environmental Conservation*	RM2,500,000	Yayasan Pengajian Tinggi Sarawak *Sarawak Foundation for Higher Education*
Kerusi Tun Openg: Teknologi Sagu *Tun Openg Chair: Sago Technology*		RM2,500,000	Kerajaan Negeri Sarawak *Sarawak State Government*
Projek Etnobotani Kinabalu *"Project Ethnobotany Kinabalu"*		RM207,360	Yayasan MacArthur Amerika Syarikat *MacArthur Foundation U.S.A.*
Inventori Khazanah Semulajadi Sarawak *Sarawak Natural Heritage Inventory*		RM283,500	Yayasan MacArthur Amerika Syarikat *MacArthur Foundation U.S.A.*
Sub Jumlah *Sub Total*		RM5,490,860	

Pusat ini juga menyediakan perkhidmatan seperti berikut: perkhidmatan fotokopi, khidmat CD-ROM bagi tujuan pencarian bibliografi atau maklumat, peminjaman buku antara perpustakaan, mengendalikan kursus-kursus orientasi untuk kakitangan universiti dan pelajar, koleksi bahan rujukan jangka pendek (red-spot), peminjaman bahan rujukan lain seperti gambar, gambarajah dan peta. Alat kelengkapan lain juga disediakan seperti bilik bacaan dan loker. Pelbagai usaha telah ditumpukan ke arah mempertingkatkan keberkesanan dan kualiti perkhidmatan Pusat dengan penggunaan komputer untuk kesemua kegiatan Pusat.

Perkhidmatan maklumat yang menyeluruh dan berkesan memerlukan rangkaian perhubungan dan sistem maklumat yang dapat menghubungkan bukan sahaja antara ahli masyarakat kampus tetapi juga antara UNIMAS dengan dunia luar. Setakat ini, UNIMAS dapat menghubungi dunia luar dengan wujudnya khidmat mel elektronik melalui JARING. Tender bagi pemasangan sistem rangkaian sedang diproseskan. Dengan wujudnya satu sistem rangkaian komputer di kampus, UNIMAS dapat mempastikan pertumbuhan budaya maklumat di kalangan masyarakatnya.

Antara kemudahan yang disediakan oleh PKMA
Amongst the facilities offered by CAIS

Pusat Pemindahan Teknologi dan Perundingan

Kerjasama erat di antara universiti dan industri merupakan salah satu aspek yang diutamakan dan dipergiatkan oleh UNIMAS. Untuk tujuan ini, Pusat Pemindahan Teknologi dan Perundingan (PPTP) telah ditubuhkan dan mula beroperasi pada bulan Oktober 1993. PPTP menjadi wahana pemindahan teknologi dan kepakaran Universiti. Kegiatan perundingan menjadi sasaran pertama PPTP dalam usahanya untuk mendekatkan universiti dengan masyarakat dan industri. Dalam tahun ini, PPTP telah menerima projek perundingan bernilai RM216,000. Khidmat perundingan dalam Penaksiran Impak Alam Sekitar merupakan titik permulaan aktivitinya dan PPTP telah pun didaftarkan di bawah Jabatan Alam Sekitar sebagai badan perundingan yang berkelayakan.

area and lockers. Efforts have been directed at increasing the effectiveness and quality of the Centre's services through the computerisation of all its activities.

An efficient and comprehensive information service requires a network and information system that links not only the users in the campus community, but UNIMAS with the outside world. Presently, UNIMAS is able to communicate externally through JARING, an electronic mail service. Tenders for the installation of a network system are being processed. With a campus-wide computer link-up, UNIMAS will be in a position to ensure that an information-age culture will take root in its community.

Centre for Technology Transfer and Consultancy

University-industry collaboration is an important and expanding facet of UNIMAS activities. The Centre for Technology Transfer and Consultancy (CTTC) was set up in October 1993 and will be instrumental in the transfer of technology and expertise between the University, industry and society. During the year, CTTC projects brought in a total of RM216,000 in consultancy fees. Consultancy services in Environmental Impact Assessment marked the beginning of its activities and CTTC is now registered as a qualified consulting body with the Department of Environment.

PENTADBIRAN DAN PENGURUSAN

Administration and Management

PEMBANGUNAN ORGANISASI

Sistem pengurusan UNIMAS bermatlamat memberikan perkhidmatan yang berkualiti, yang membolehkan Universiti menjalankan tugas pengajaran, penyelidikan dan khidmat komuniti dengan cemerlang. Antara prinsip dasar sistem pengurusannya ialah:

Kualiti Kualiti menjadi teras pengeluaran dan pengurusan Universiti. Universiti akan mewujudkan persekitaran dan mekanisme yang dapat sentiasa meningkatkan sasaran dan pencapaian prestasinya.

Devolusi Universiti akan menggalakkan pengagihan tanggungjawab dalam sistem pengurusannya. Penilaian-diri terhadap prestasi pengurusan diasaskan kepada matlamat yang dipersetujui bersama.

Keusahawanan Universiti akan menggalakkan hubungan antara bahagian/jabatan yang berasaskan hubungan penjual-pelanggan. Tiap bahagian digalakkan menjadi usahawan dalam pengurusan.

Orientasi-Manusia Universiti menggalakkan sikap dan gaya pengurusan yang menghormati individu sebagai sumber asas universiti. Universiti akan memberi tekanan kepada Pembangunan Sumber

ORGANISATIONAL DEVELOPMENT

UNIMAS adopts a management system which aims to provide quality service that will enable the university to effectively carry out its tasks in teaching, research and community service. The principles of this management systems are:

Quality *Quality is the concern of the university in both its products and management. The university will provide an environment and mechanism that constantly enhance its performance goals and achievements.*

Devolution *The university encourages the delegation of responsibility. Self-assessment of managerial performance is based on agreed objectives.*

Entrepreneurship *The university encourages inter-departmental relations that are based on the vendor-client relations. Each department is*

atas/*top*
Kakitangan sokongan mengurus kerja berasaskan komputer
Support staff performing computer-assisted tasks

bawah/*bottom*
Membincangkan pembangunan organisasi dalam bengkel 'Penyampaian MISI UNIMAS'
Discussing organizational development in 'Delivering the UNIMAS MISSION' workshop

Manusia. Segala penilaian prestasi diasaskan kepada matlamat dan tugas yang dipersetujui bersama.

Orientasi-Pelanggan Universiti akan mengambil strategi yang menganggapkan bahawa masyarakat, kerajaan, industri dan pelajar sebagai pelanggan. Universiti mesti mengenalpasti secara prospektif keperluan pelanggannya yang berbagai.

Teknologi Universiti akan mengambil manfaat dalam penggunaan teknologi,

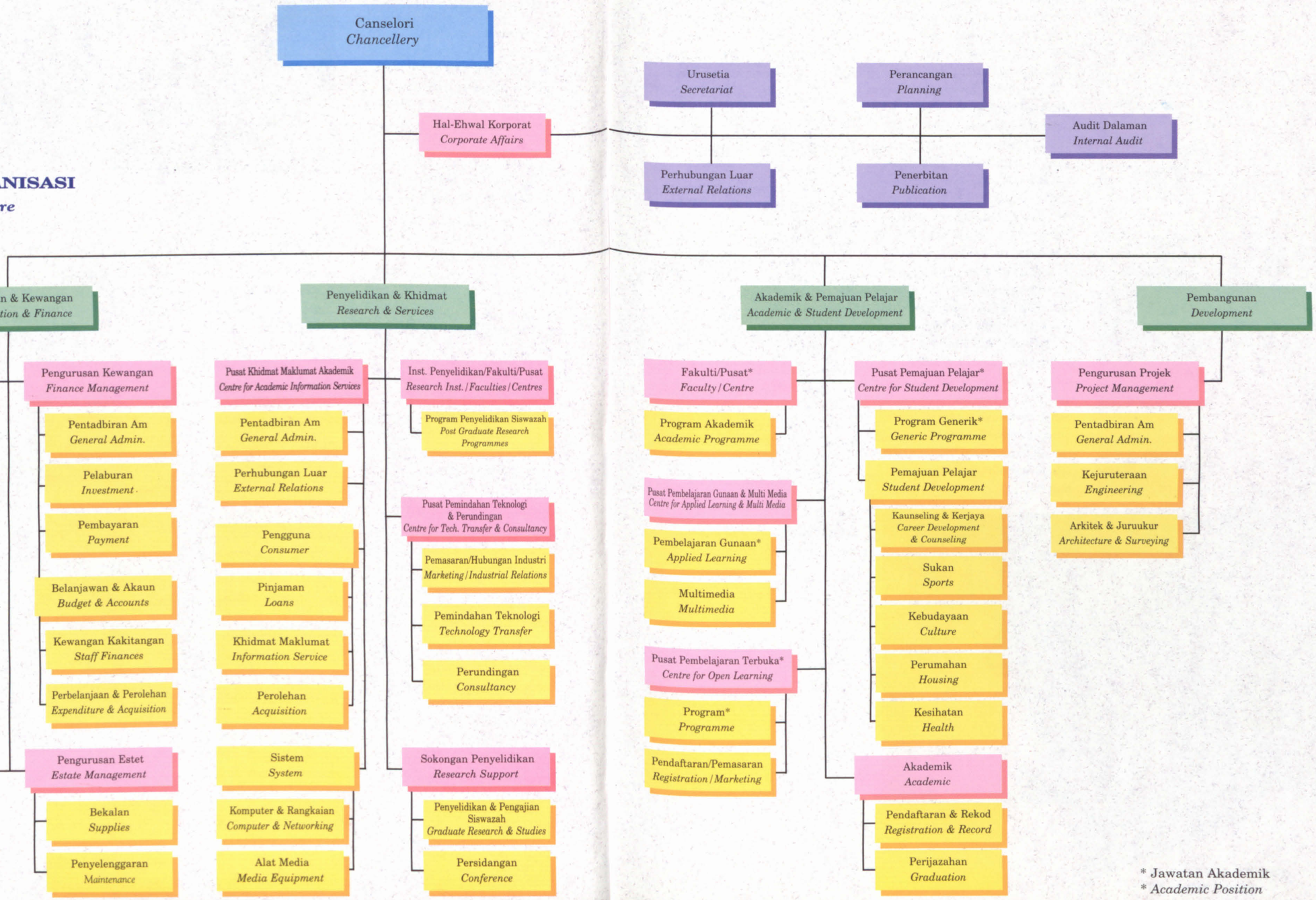
encouraged to assume an entrepreneurial stance in its management.

People Orientation *The university encourages a people-oriented style of management that recognizes individuals as the university's main resources,*

and which emphasizes human resource development. All performance assessment are based on agreed objectives and tasks.

Client-Orientation *The university adopts a customer-oriented strategy that views the society, the government, the*

STRUKTUR ORGANISASI
Organisational Structure



* Jawatan Akademik
* *Academic Position*

terutama teknologi maklumat, sebagai penyokong kepada sistem pengurusan dalam pencapaian taraf produktiviti dan keefisienan yang tinggi.

Untuk memastikan perkhidmatan berkualiti dalam menjalankan misinya, sistem pentadbiran Universiti dibentuk berdasarkan pembahagian fungsi atau pembahagian tugas dan pada pelbagai tahap interaksi di antara universiti dengan pelanggannya. Struktur pentadbirannya, selain daripada **Canselori** dibahagikan kepada empat berdasarkan fungsi: **Akademik dan Pemajuan Pelajar**; **Penyelidikan dan Khidmat**; **Pembangunan**; dan **Pentadbiran dan Kewangan**. Setiap bahagian ini adalah di bawah naungan Naib-Canselor atau Timbalan Naib-Canselor. Bilangan kakitangan yang ada tidak memungkinkan UNIMAS menyusun struktur pengurusannya seperti yang diingini. Setiap kakitangan terpaksa memikul beban tugas selain tugas utama masing-masing.

industry and the students as its clients. The university needs to identify the prospective needs of its various clients.

Technology *The university will take advantage of the application of technology, particularly information technology to support its management system towards achieving a high level of productivity and efficiency.*

To ensure quality service when carrying out its mission, the university's administration has been structured according to functions in terms of assignment of duties and at different levels of contact between the university and its clients. Besides, the Chancellery, the administrative structure is divided into four functions areas: **Academic and Student Development**, **Research and Services Development**, *and* **Administration and Finance**. *Each function area is placed directly under the vice-chancellor or the Deputy Vice-Chancellor. The size of the present staff, however, does not yet permit the university to exploit its intended structure. Each staff member has to perform more tasks in addition to his own main function.*

Sesi mesyuarat Majlis Dekan UNIMAS
UNIMAS Dean's Council Meeting in session

Hal Ehwal Korporat

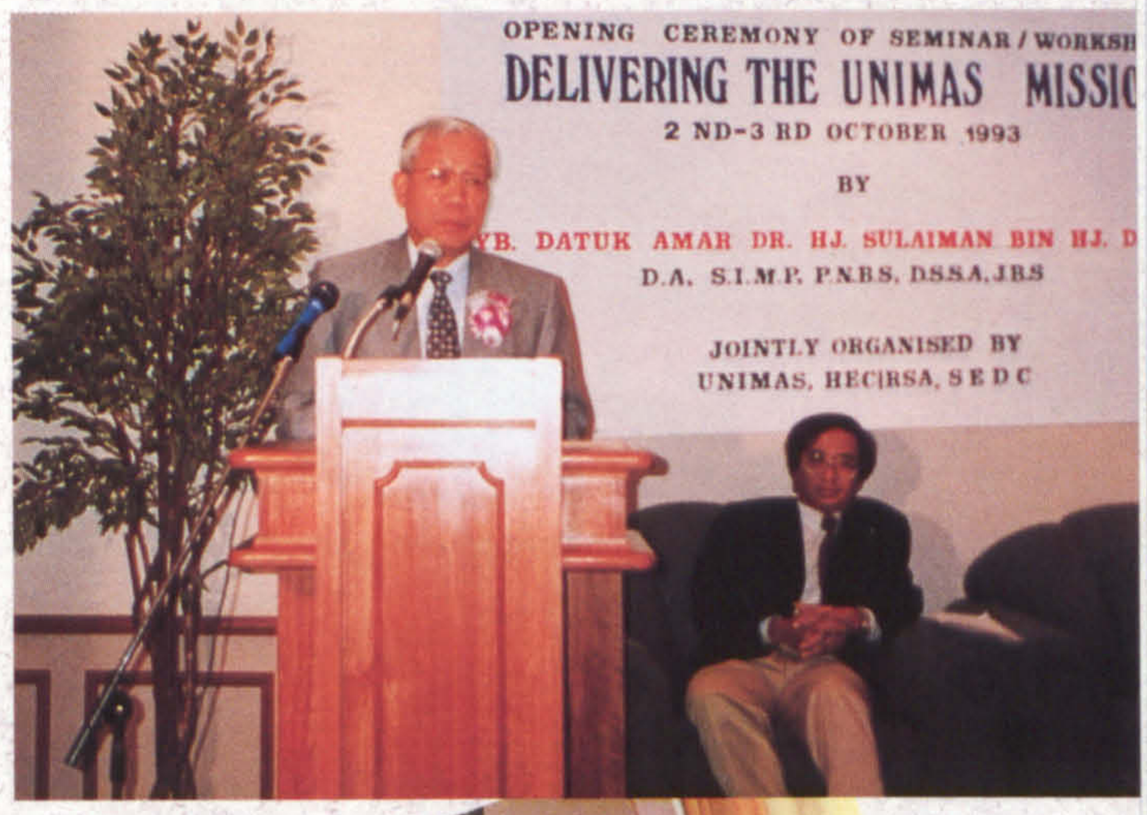
UNIMAS, melalui Canselori, memberi tumpuan kepada isu-isu pembangunan organisasi. Setiap kakitangan perlu menyedari dan berkongsi falsafah, konsep serta misi dan objektif UNIMAS. Usaha untuk menerapkan nilai korporat UNIMAS telah dilakukan melalui pelaksanaan beberapa aktiviti antaranya, bengkel 'Pencapaian Misi dan Wawasan UNIMAS' yang berjaya menarik perhatian kakitangan yang berpengalaman berkenaan dengan masalah dan cabaran yang dihadapi oleh sebuah institusi yang baru, dan bengkel 'Pembelajaran Bersepadu' yang berusaha menggalakkan kakitangan bersifat terbuka dan bersedia menganjak paradigma dalam usaha mendirikan sebuah institusi yang lebih inovatif. Walaupun tidak mempunyai kakitangan yang mencukupi bagi mengurus hal-ehwal korporat dan perhubungan awamnya, UNIMAS telah berjaya memaklumi masyarakat tentang kewujudan dan kegiatannya melalui beberapa kegiatan pemasaran khusus.

Corporate Affairs

Through Chancellery, UNIMAS pays close attention to issues pertaining to organisation development. Every staff must be aware of and share the philosophy, the concept and the mission, and the objectives of UNIMAS. Efforts to instill the corporate values of UNIMAS have been made through several activities, among them a workshop on "Delivering the UNIMAS Mission" which succeeded in drawing the attention of the senior staff to the issues confronting any new institution. Another workshop, "Integrative Learning" encouraged the staff to be open-minded and prepared to shift paradigms in their effort to establish a more innovative institution. UNIMAS has to establish an organisational entity to promote its position in the academic world. Despite having insufficient staff to manage its corporate affairs and public relations, UNIMAS has succeeded in informing the public of its existence through special marketing activities.

atas/*top*
YB Menteri Pendidikan merasmikan seminar/ bengkel Penyampaian Misi UNIMAS
YB Minister of Education officiating the seminar/workshop on Delivering the UNIMAS Mission

bawah/*bottom*
Mempelajari sesi berpasukan dan cara mewujudkan semangat kekitaan
Learning the art of team building and establishing esprit de corp



PENTADBIRAN

Pentadbiran Am

UNIMAS sedang membangunkan satu sistem pentadbiran berkesan. Bahagian Pentadbiran Am telah ditugaskan memberi perkhidmatan sokongan kepada bahagian-bahagian lain bagi memastikan keberkesanan pengurusannya. Tugasnya luas, mencakupi dari tugas mengemaskinikan rekod dan sistem fail kepada menjaga kebajikan kakitangan, pengurusan kenderaan serta keselamatan di kampus.

Pengurusan Sumber Manusia

Aset penting universiti ialah sumber manusianya. Bahagian Pengurusan Sumber Manusia ditempatkan di bahagian Pentadbiran UNIMAS dan berperanan mengendali dan mengurus aspek perjawatan, perkhidmatan latihan dan sistem rekod personel.

Pada tahun 1993, sebanyak 165 jawatan daripada 236 jawatan yang dipohon telah diluluskan oleh kerajaan pusat. Ini adalah tambahan kepada 28 jawatan yang telah diluluskan terdahulu, menjadi jumlah kesemuanya 193. Kekosongan jawatan bukan akademik, yang telah diiklankan di akhbar tempatan, telah menarik minat seramai 1,014 pemohon. Temuduga telah dijalankan pada bulan September yang melibatkan 208 pemohon yang berkelayakan. Jawatan yang telah diisi sehingga akhir 1993 berjumlah 131 dengan 62 kekosongan, antaranya 49 jawatan tutor dan 2 jawatan pensyarah. Jawatan kosong yang diiklankan (akademik) di akhbar tempatan pada akhir November 1993 telah menarik minat lebih daripada 500 permohonan.

UNIMAS menyedari pentingnya peranan latihan dalam peningkatan kualiti khidmatnya. Kursus Penggunaan Komputer serta Bengkel Pengurusan Pejabat (2-3 Disember), telah diadakan untuk Pegawai Tadbir dan Jurutrengkas, ramai di antaranya tidak berpengalaman.

Menyedari bahawa kakitangan akademiknya juga perlu sentiasa mendapat latihan, UNIMAS telah mengambil langkah yang sesuai ke arah penyediaan modul-modul latihan bagi kakitangan akademik. Sementara itu beberapa bengkel telah diadakan bagi memperkenalkan idea-idea baru dalam pengajaran dan pembelajaran.

Sistem Pengurusan Maklumat diperlukan bagi kelicinan dalam pengurusan sumber manusia. Mulai bulan Disember 1993, sistem manual telah digantikan dengan sistem berkomputer yang sama digunakan oleh bahagian kewangan.

Staf akademik dan pengurusan dalam bengkel Pembelajaran Bersepadu
The academic and management staff in the workshop on Integrative Learning

ADMINISTRATION

General Administration

UNIMAS puts serious effort into developing an effective administrative system. The General Administration Division provides support services to ensure the effective and efficient running of the other divisions. Its main tasks range from updating file records to looking after staff welfare, providing transport facilities and maintaining campus security.

Human Resource Management

Human resource is the University's prime asset. Placed under the UNIMAS administration, the main function of the Human Resource Management Division is to handle and manage personnel services and training as well as maintain the staff record system.

In 1993, out of 236 posts requested, 165 was approved by the central agency. Together with the 28 previously approved posts, it brings the total up to 193 posts. Advertisements for non-academic staff, which were placed in local newspapers, attracted a total of 1,014 applications. Interviews were conducted for 208 qualified applicants in September. By the end of 1993, 131 posts were filled. Of the remaining 62 vacancies, 49 were for tutors and 2 for lecturers. Advertisements for academic staff placed in November 1993 brought in more than 500 applications.

The University recognises the importance of training in ensuring quality services. In addition to several informal briefings, courses in Computer Applications and Effective Office Management were organised, from December 2-3, for the Administrative officers and stenographers, particularly for those without work experience.

For the academic staff, UNIMAS places similar emphasis on training and has taken steps towards the preparation of training modules. Several workshops have also been organised to introduce the academic staff to new ideas in teaching and learning.

A management information system is required for the efficient management of human resources. Since December 1993, the former manual system was replaced when the up-dating of staff record was computerised, sharing the same system with the payment of staff salaries.

Membina budaya teknologi maklumat di kalangan kakitangan sokongan
Creating the information technology culture among the supporting staff

PEMBANGUNAN FIZIKAL

Physical Development

PEMBANGUNAN KAMPUS FASA 1

Kampus sementara, fasa pertama dijangka dapat memenuhi keperluan UNIMAS di peringkat awal pembangunannya, sehingga bangunan-bangunan tetap disiapkan. Seluas lebih kurang 18 hektar tanah telah dibuka untuk memuatkan bangunan-bangunan berbentuk separa kayu dengan keluasan lantai lebih kurang 30,000 meter persegi. Sebanyak RM15.6 juta telah diperuntukkan bagi projek yang dibina secara *turn-key* mulai 1 Julai 1993.

Pada 31 Ogos 1993, iaitu Majlis Perletakan Batu Asas dan Pelancaran Logo UNIMAS oleh YAB Datuk Seri Dr Mahathir Mohamad, Perdana Menteri Malaysia, 50 peratus daripada kemudahan yang dirancangkan telah siap. Fakulti dan Pusat telah menggunakan bangunan-

Bangunan pentadbiran/*Administration building*

Pusat Khidmat Maklumat Akademik
Centre for Academic Information Services

Rumah tetamu/*Guest houses*

PHASE 1 DEVELOPMENT

The temporary campus, Phase 1, is expected to meet the requirements of UNIMAS at the initial stage of its development before the permanent buildings are erected. Approximately 18 hectares of land have been cleared to accommodate wooden buildings with a floor area of about 30,000 square meters. A total of RM15.6 million has been allocated for this turn-key project which started on July 1, 1993.

Fifty per cent of the planned facilities was completed by August 31, 1994, when the Prime Minister YAB Datuk Seri Dr Mahathir Mohamad officiated at the ground-breaking ceremony and the launching of UNIMAS logo.

In October, 1993 all the Faculties and Centres were moved into their buildings and by the end of December, almost 90 per cent of the work was completed. The facilities, both completed or due to be completed include: Administration Building (3720 square metres), CAIS (1820 square metres), 13 blocks of Academic Building (11195 metres), Multi-Purpose Hall (1470 square meters), 2 Lecture Halls (1230 square metres), Seminar Rooms (1000 square metres), 8 blocks of Students Hostel (539000 square metres), Surau (435 square metres), Shops (442 square metres), Restaurant and Cafetaria (995 square metres) and 20 Staff Quarters (1150 square metres).

bangunannya mulai 1 Oktober 1993. Hingga akhir Disember, hampir 90 peratus kerja-kerja pembinaan selesai. Kemudahan yang telah siap dan akan disiapkan termasuk: Bangunan Pentadbiran (3720 meter persegi), PKMA (1820 mp), 13 Blok Bangunan Akademik (11195 mp), Dewan Serbaguna (1470 mp), 2 Dewan Kuliah (1230 mp), Bilik-Bilik Seminar (1000 mp), 8 Blok Asrama Pelajar (53900 mp), Surau (435 mp), Kedai (442 mp), Restoran dan Kafetaria (995 mp), 20 Rumah Kakitangan (1150 mp). Tambahan 3 Blok Bangunan Akademik, sebuah Teater Eksperimen, dan sebuah Rumah Haiwan dan Rumah Tumbuhan, serta 4 blok Asrama Pelajar telah juga siap dirancang sebagai sebahagian daripada fasa pertama ini.

PEMBANGUNAN KAMPUS FASA 2

Pada peringkat permulaan-nya, kawasan seluas 275 hektar telah disediakan untuk kampus Universiti dan pengukuran topografi tapak tersebut telahpun dilakukan. Pada penghujung tahun 1993, Kerajaan Negeri Sarawak telah mengenalpasti kawasan tambahan yang telah pun diletak di bawah Seksyen 47 Akta Tanah seluas lebih kurang 445 hektar. Ini memberi peluang baru kepada UNIMAS memikirkan semula tentang penyediaan pelan induk kampus yang dijangka dapat disipkan sebelum akhir Tahun 1994.

The other facilities to be built as the first-phase are 3 additional blocks of Academic Buildings, an Experimental Theatre, an Animal House and a Greenhouse and 4 blocks of Students Hostel.

PHASE 2 DEVELOPMENT

Initially, 275 hectares of land were set aside for the UNIMAS campus and its topograhic survey was completed. At the end of 1993, the State Government of Sarawak identified and placed under Section 47 of the Land Act another 445 hectares for the campus. With this new addition, UNIMAS has thus, been given the opportunity to re-examine the campus master plan, now expected to be completed before end of 1994.

Hostel pelajar/*Student hostel*

Lintasan pejalan kaki bertutup menghubungi Fakulti
Covered pedestrian walkways linking Faculties

Surau UNIMAS/*UNIMAS Surau*

RANGKAIAN DAN HUBUNGAN ANTARABANGSA

International Relations and Network

PERHUBUNGAN DENGAN UNIVERSITI LAIN

Binaan rangkaian tidak kurang pentingnya dalam usaha meningkat citra dan kredibiliti institusi, terutama bagi sebuah universiti yang sedang membangun. Hasil lawatan rombongan ke United Kingdom, Australia dan New Zealand serta perhubungan yang sedia terjalin di antara individu oleh kakitangan akademik sama-sama membantu Universiti membina rangkaiannya. Universiti juga telah menerima pelawat-pelawat dari pelbagai universiti. Memorandum Persefahaman sedang dirangkakan untuk menubuhkan jalinan kerjasama dengan beberapa universiti dalam negeri dan juga luar negeri, antaranya: Flinders University, Lincoln University, Otago University, Royal Melbourne Institute of Technology, University College London, University of Illinois dan University of Newcastle-Upon-Tyne.

RELATIONS WITH OTHER UNIVERSITIES

Building links is vital for establishing the reputation and credibility of an institution, particularly in the case of a developing university. Delegation visits to Australia, New Zealand and the United Kingdom, and personal contacts by individual members of the academic staff have helped UNIMAS establish its links with universities, both locally and overseas.

UNIMAS has also received visitors from universities in several countries. Memoranda of Understanding are being drafted to form cooperative networks with several universities. Among these universities are Flinders University, Lincoln University, Otago University, Royal Melbourne Institute of Technology, University College London, University of Illinois and University of Newcastle-Upon-Tyne.

Perbincangan Program Pembangunan Antarabangsa di Canberra, Australia
A discussion on International Development Programme at Canberra, Australia

Lawatan akademik ke University of Leeds *United Kingdom*
Academic visit to the University of Leeds, United Kingdom

Pelawat Universiti 1993

Visitors to the University

University of Aberdeen, UK
Dr Adrian Marshall, Director, International Office

University of Bielefeld, Germany
Prof Hans-Dieter Evers, Sociology of Development Research Centre

University of Cambridge, UK
Prof Stephen Watson, Dept of Management Studies

University of Canberra, Australia
Prof John Grant, Deputy Vice-Chancellor

Commonwealth of Learning, Canada
John Tayless

Coventry University, UK
Alan Humberstone, School of Arts & Design
Carol Roden, International Office

University of Edinburgh
Sir David Smith, Vice-Chancellor

The Flinders University
Dr Vin Massaro, Director, Administration and Registrar

University of Hull, UK
Prof Victor T King, Director, Centre for SEAsian Studies
John Walton, Centre for SEAsian Studies

University of Illinois, USA
Prof B Salafsky, Director, College of Medicine

Lancaster University, UK
Professor Alan Bradshaw, Engineering Department

University of Leeds, UK
Prof John Stephenson, Director, Education for Capability
Dr Michael M McMahon, Director, Leeds Institute for Minimally Invasive Therapy

Lincoln University, New Zealand
Prof Bruce J Ross, Vice-Chancellor
Geoff Ormandy, Director, International Office

Nanyang Technological University
Patrick HM Loh

National University of Singapore
Prof Tan Teck Meng, Dean School of Accountancy and Business

University of Newcastle-Upon-Tyne, UK
Prof Duncan Murchison, Pro-Vice-Chancellor,
Terry McCarthy, Assoc Director, International Office

University of New South Wales, Australia
Prof Clive Kessler

Otago University, New Zealand
Gill Parata, Head, International Office

University of Queensland, Australia
J C Geefunysen, Queensland Institute of Medical Research

The Robert Gordon University, UK
Professor Eric Spiller, Faculty of Design

University of Southern Queensland
Prof Paul T McNally, Deputy Vice-Chancellor

University of Sydney, Australia
Prof Michael Leigh

University of Waikato, New Zealand
Prof Ian Graham, Dean, School of Computing and Mathematical Sciences

Yale University, USA
Nancy Peluso

Yokohama National University
Prof Masaaki Ozawa, Institute of Environmental Science and Technology

atas/*top*
Perbincangan di Flinders University of South Australia
Discussion at the Flinders University of South Australia

tengah/*centre*
Delegasi UNIMAS bersama Naib Canselor Eksekutif, Bond University, Australia
UNIMAS delegation with the Executive Vice-Chancellor, Bond University, Australia

bawah/*bottom*
Delegasi UNIMAS bersama Naib Canselor, The Flinders University of South Australia
UNIMAS delegation with the Vice-Chancellor of the Flinders University of South Australia

SEPINTAS LALU

At a Glance

atas/*top*
YAB Perdana Menteri menandatangani Buku Pelawat selepas Majlis Perletakan Batu Asas UNIMAS
YAB Prime Minister signing the Visitors' Book after the Ground Breaking Ceremony

bawah kiri/*bottom left*
YAB Ketua Menteri melawat kampus diiringi oleh Pengerusi Majlis UNIMAS dan Naib Canselor
YAB Chief Minister touring the campus accompanied by the Chairman of the University Council and Vice-Chancellor

bawah kanan/*bottom right*
Tetamu Kehormat di Majlis Perletakan Batu Asas UNIMAS
VIPs at the Ground Breaking Ceremony of UNIMAS

atas/*top*
YAB Perdana Menteri menemui pelajar perintis
YAB Prime Minister meeting student pioneers

bawah kiri/*bottom left*
YAB Perdana Menteri Kerajaan Tonga mengikuti taklimat tentang pelan kampus UNIMAS
YAB Prime Minister of Tonga being briefed on the plan of UNIMAS campus

bawah kanan/
bottom right
Ahli Majlis UNIMAS meneliti pelan kampus UNIMAS
UNIMAS Council Members studying the campus plan

KEWANGAN

Finance

Bagi sepanjang tahun 1993, jumlah pendapatan yang diperolehi oleh UNIMAS adalah RM6,315,203. Setelah mengambil kira perbelanjaan sebanyak RM5,746,186, kelebihan pendapatan daripada perbelanjaan pada akhir tahun adalah RM569,017. Di samping itu sebanyak RM5,649,722 telah dibelanjakan untuk pembelian Harta Modal.

Daripada peruntukan pembangunan yang diluluskan (RM17,890,000) sebanyak RM643,939 sahaja telah dibelanjakan. Pemberian peruntukan pembangunan ini tidak dapat dimanfaatkan sebaik mungkin kerana urusan penentuan kos bagi projek *turnkey* Fasa 1 belum lagi selesai.

Bahagian Kewangan

Bahagian Kewangan sedang merangka suatu sistem kewangan, dari segi prosedur dan peraturan, yang akan menjadi panduan pengurusan kewangan. Semua urusan kewangan sepanjang tahun telah diuruskan secara manual (melainkan pembayaran gaji dan akaun pelajar yang mula menggunakan komputer pada bulan Oktober 1993). Usaha untuk mengkomputerkan keseluruhan sistem kewangan sedang dipergiatkan. Bagi tahun 1993, Bahagian ini telah memproses sebanyak 1110 baucer bayaran dan 400 pesanan rasmi. Dengan bilangan kakitangan yang kecil, beban tugas yang mencabar ini telah mengekang hasrat mewujudkan suatu sistem kewangan yang dihajati.

Pengurusan Estet

Satu sistem yang efektif juga diperlukan untuk mengurus perolehan tanah dan harta yang kian bertambah. Bahagian Pengurusan Estet merupakan satu bahagian yang giat berusaha dan memberi sokongan kepada pembangunan universiti dari segi memperlengkap dan menyelenggarakan segala kemudahan serta membantu dalam penyediaan projek pembangunan sementara menunggu penubuhan Bahagian Pembangunan.

Pengurusan Akademik

Universiti ini menggalakkan setiap fakulti, institut dan pusat supaya berautonomi dalam hal yang melibatkan kewangan dan pengurusan. Dengan itu, ketua setiap fakulti, institut dan pusat akan mempunyai tanggung-jawab yang tinggi. Hasilnya nanti setiap fakulti, institut dan pusat itu akan mempunyai perancangan strategik masing-masing yang berasaskan kepada perancangan dan polisi di tahap universiti.

Struktur pengurusan berasas-luas telah dibentuk bagi melaksanakan program ijazah dan penyelidikan. Justeru itu, UNIMAS tidak menubuhkan bahagian berbentuk tradisi yang sukar dirombak apabila bidangnya tidak lagi mendapat sokongan mahupun

Income received by UNIMAS for the year 1993 amounted to RM6,315,203. After taking into account total expenditure of RM5,746,186, excess of income over expenditure for the year was RM569,017. An amount of RM5,649,722 was spent on capital items.

Out of the development allocation of RM17,890,000 an amount of RM643,939 was spent. The University was unable to utilise this facility fully owing to problems in ascertaining the cost of the First Phase turnkey project.

Finance Division

The Finance Division is developing a financial system, in terms of procedures and regulations, to form the basis of its financial management. All financial matters throughout the year, with the exception of salary payments and student accounts which were on-line in October 1993, were carried out manually. Preliminary efforts to computerise the entire financial system are in progress.

In 1993, the Finance Division processed 1110 payment vouchers and 400 official orders. With skeletal staff, this increasing volume of routine business has hampered efforts to set up the intended financial system.

Estate Management

An effective system is also required to manage the increasing land and properties acquisition. While waiting for the establishment of a Campus Development Division, the Estate Management Division

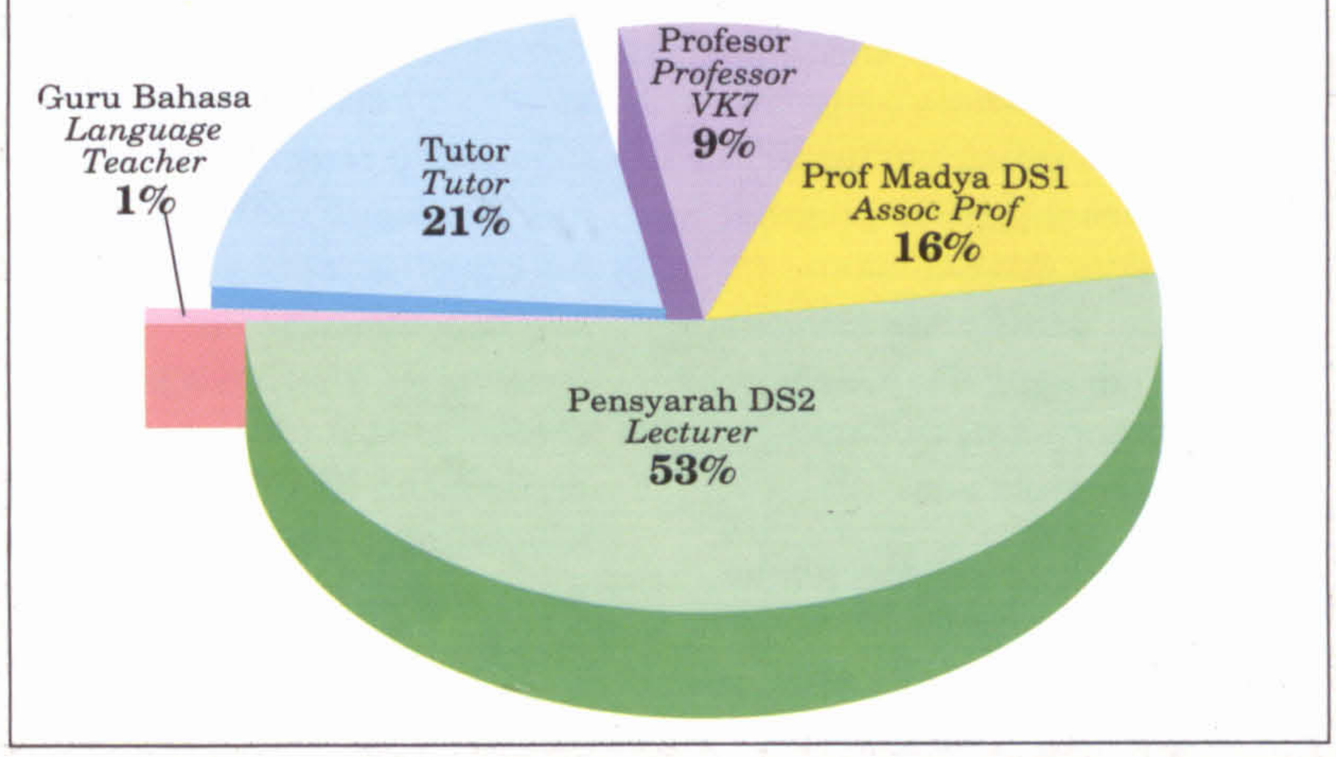
has been actively involved in providing support towards the University's development, assisting in the preparation of project development and equipping the University with facilities.

Academic Management

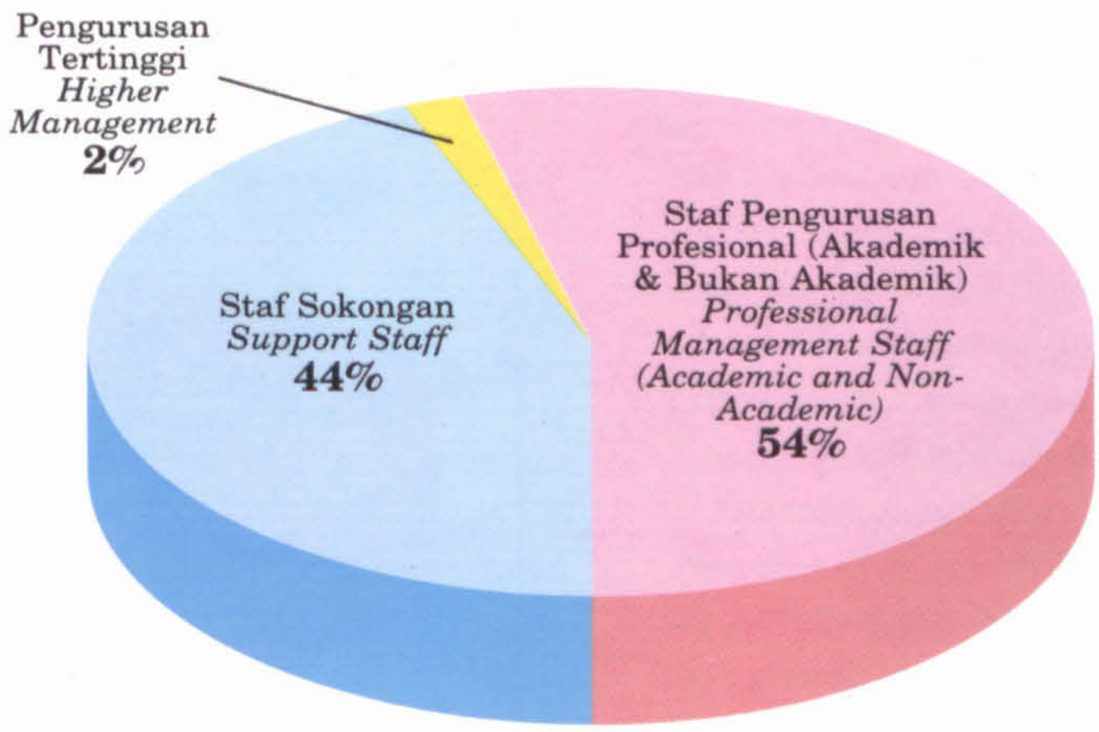
The university encourages each faculty, institute and centre to be more autonomous with regard to finance and management. It is envisaged that the head of each faculty, institute and centre will assume more accountability. This will result in each faculty, institute and centre having its own strategic planning based on the strategic plans and policy at the university level. A broad-based management structure is adopted to implement the degree programmes and research. In this regard, the university will not set up traditionally structured departments which are difficult to dismantle should there be a decline in support or request for their fields. Moreover, modern study approaches which are more inter-disciplinary and require contributions from all available areas of expertise will be adopted. Thus, all degree courses will be programme-based and conducted by programme teams which will draw expertise from various disciplines.

In line with the University's basic concept of giving emphasis to research activities, various research programmes in priority areas will be formed. These programmes will promote team research

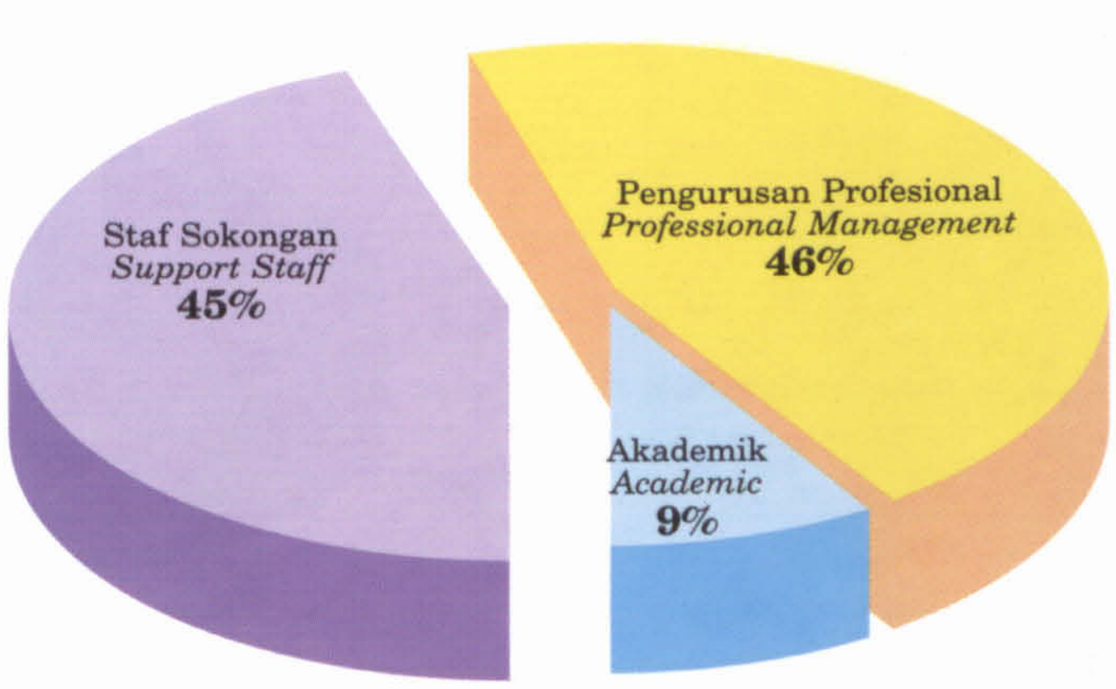
Jumlah Pecahan Kakitangan Akademik
Total Breakdown of Academic Staff



Kakitangan Tetap Mengikut Kategori
Permanent Staff by Category



Kakitangan Akademik, Pengurusan Profesional dan Staf Sokongan
Academic, Professional Management and Support Staff

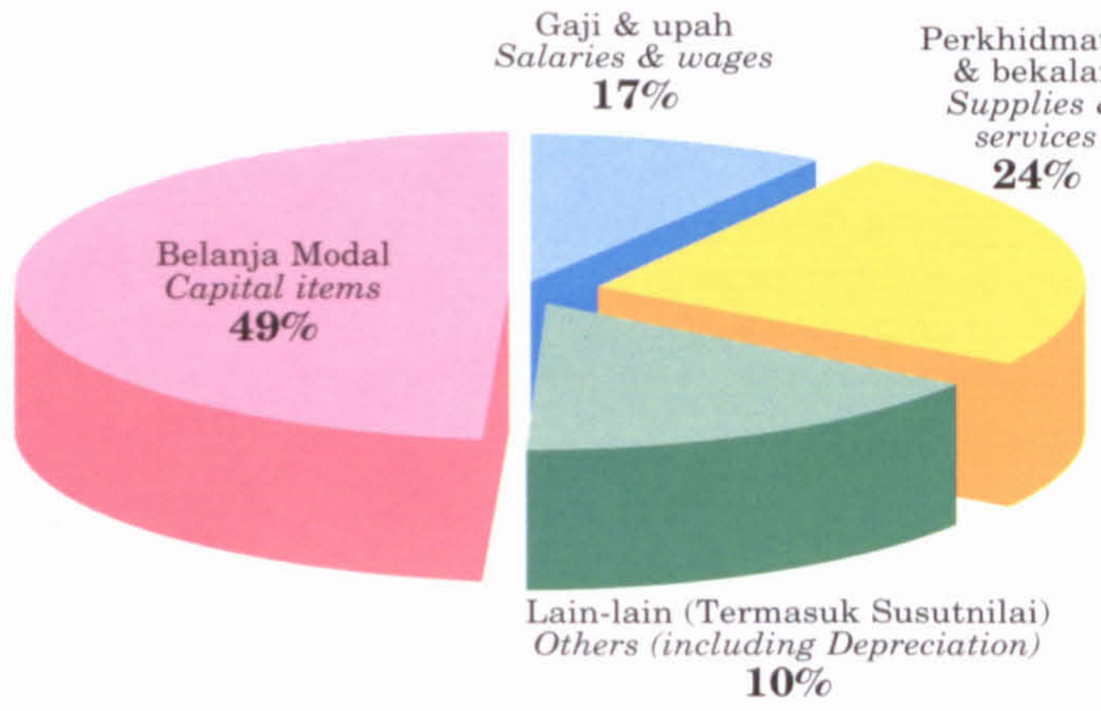


permintaan ramai, lebih-lebih lagi kaedah pengajian kini bersifat antara-disiplin yang memerlukan sumbangan semua kepakaran yang ada. Oleh itu, setiap kursus ijazah berasaskan konsep program dan akan dilaksanakan melalui penubuhan kumpulan program yang akan mengguna kepakaran dari pelbagai disipilin yang ada.

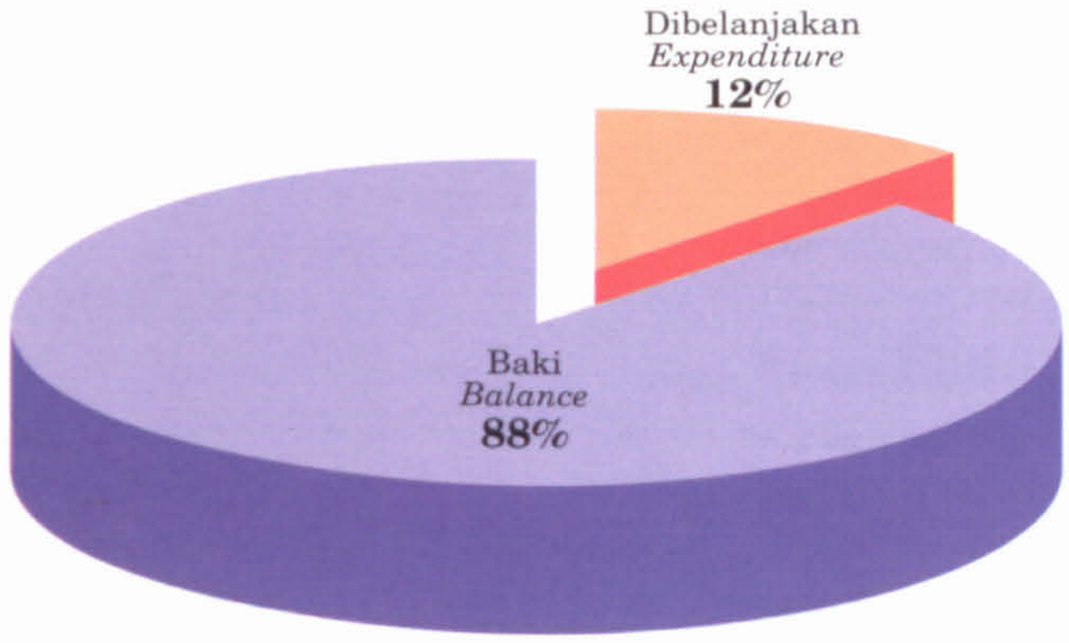
Selaras dengan konsep asas Universiti memberikan penekanan kepada kegiatan penyelidikan, pelbagai program penyelidikan dalam bidang-bidang utama akan diadakan. Program-program ini diharap akan dapat menggalak dan mencetuskan kegiatan penyelidikan secara berpasukan dan yang akan kelak menjadi pusat-pusat kecemerlangan dalam bidang-bidang berkaitan. Melalui program sedemikian, setiap ahli terjamin penglibatan mereka dalam kegiatan penyelidikan, maka dapat menonjolkan kepakaran diri masing-masing. Setiap Program akan diuruskan oleh seorang Ketua Program, yang mempunyai fungsi yang sama dengan ketua jabatan, yang bertanggungjawab memaju, melaksana, memimpin dan menyelaras Program berkenaan.

and thus, serve as centres of excellence for the related fields. Through these programmes, every member of the academic staff will have the chance to be involved in research activities and hence will make known his expertise. Each programme will be managed by a programme director, a position similar to that of the head of department. The Director is responsible for the development, the implementation, the direction, and the co-ordination of the programme in question.

Kumpulan Wang Pengurusan – Perbelanjaan
Operational Fund – Expenditure



Kumpulan Wang Pembangunan
Development Fund



Kumpulan Wang Pengurusan
Pendapatan & Perbelanjaan 1993
Operational Fund
Income & Expenditure 1993

Pendapatan/*Income*	**RM**	**RM**
Pemberian Kerajaan/*Government Grant*		6,043,700
Pendapatan Pelajar/*Income from Students*		106,639
Lain-lain Pendapatan/*Miscellaneous Income*		164,864
Jumlah Pendapatan/ ***Total Income***		6,315,203
Perbelanjaan/*Expenditure*		
Emolumen/*Emoluments*		1,882,175
Perkhidmatan & Bekalan/*Supplies & Services*		
Perjalanan & Pengangkutan/ *Travel & Transportation*	1,246,404	
Utiliti/*Utilities*	112,409	
Sewaan/*Rentals*	224,738	
Bekalan/*Supplies*	906,499	
Penyelenggaraan & Pembaikan/ *Maintenance & Repairs*	80,449	
Perkhidmatan Ikhtisas/ *Other Professional Services*	158,038	
		2,728,537
Perbelanjaan Lain/*Miscellaneous Expenditure*		218,395
Susutnilai/*Depreciation*		917,079
Jumlah Perbelanjaan/*Total Expenditure*		5,746,186
Kelebihan Pendapatan Daripada Perbelanjaan ***Excess of Income Over Expenditure***		**569,017**

Kerencaman pada masa hadapan tentunya lebih mencabar. Namun tekad, semangat dan keazaman kuat yang sedia wujud di kalangan yang ada memberi keyakinan bahawa sebuah universiti yang terkenal dan terpilih akan terdiri megah di Kota Samarahan ini.

Formidable challenges are anticipated in the days ahead. However, the prevailing positive attitude, enthusiasm and determination amongst all who are with UNIMAS will ensure that an exemplary and choice university will stand proud in this Kota Samarahan.

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